

20030811.qrp v03_n009.qrl.20030811

Date: Mon, 11 Aug 2003 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3009

QRP-L Digest 3009

Topics covered in this issue include:

- 1) [155964] Re: WILD IDEA
by Tim Groat <tcgroat@earthlink.net>
- 2) [155965] Re: QSL.NET Webpages??
by "Bud Haynes" <kv7g@toast.net>
- 3) [155966] Re: FOX The last Summer Hunt in an hour
by Michael Taddeo <mike.taddeo@shaw.ca>
- 4) [155967] Last Fox Hunt of the season
by "Jim Sheldon" <w0eb@cox.net>
- 5) [155968] FOX Got Jim but can't find ET
by Karl Larsen <k5di@msn.com>
- 6) [155969] Re: FOX The last Summer Hunt in an hour
by n1ix@att.net
- 7) [155970] Re: FOX The last Summer Hunt in an hour
by n1ix@att.net
- 8) [155971] Here little foxie
by Michael Taddeo <mike.taddeo@shaw.ca>
- 9) [155972] Re: [fpqrp] Last Fox Hunt of the season
by "Jerry Ford" <benlightnd13@mchsi.com>
- 10) [155973] FS: QRP items
by Rick McKee <kc8aon@juno.com>
- 11) [155974] Re: FOX The last Summer Hunt in an hour
by "George, W5YR" <w5yr@att.net>
- 12) [155975] FOX Spot N1FN 14.060
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 13) [155976] Curing Fluorescent shop light RF noise
by Ken Brown <hfbeacons@juno.com>
- 14) [155977] Re: [4SQRP] Last Fox Hunt of the season
by "Jay Bromley" <jayw5jay@cox-internet.com>
- 15) [155978] Re: Freq reference kit
by "Jerry Ford" <benlightnd13@mchsi.com>
- 16) [155979] OT: Dual band twin lead j-pole
by Jeffrey L Greer <wd4et@juno.com>
- 17) [155980] Re: [155383] More wine, anyone? [Long]
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 18) [155981] RE: Freq reference kits
by "terres family" <terresfm@adelphia.net>
- 19) [155982] The poorly-defined 2N3055 (was: Re: Overvoltage protection - was

If it seems too good to be true . . .)

by Brad Thompson <brad.thompson@VALLEY.NET>

20) [155983] Re: Dual band twin lead j-pole

by "Brian Murrey" <brian@iquest.net>

21) [155984] Subject: [155905] Experimenters DDS Signal Gen (Parts order buddies sought)

by John Farnsworth <jfarnsworth@direcway.com>

22) [155985] Re: Kits for young hams FREE!!!!!!!

by "Jay Bromley" <jayw5jay@cox-internet.com>

23) [155986] MMIC Chips have been sold

by "Jim Sheldon" <w0eb@cox.net>

24) [155987] RE: QSL.NET Webpages??

by "Bob & Janet" <jbcraft@adelphia.net>

25) [155988] Re: Dual band twin lead j-pole

by "tmyers" <tmyers@academicplanet.com>

26) [155989] Re: Yaesu FT-747GX QRP mod

by Steve Bauder <sbauder@wwt.net>

27) [155990] FS - DSW 40 & Rainbow Tuner (Spoken for)

by casey ray <clray@usc.edu>

28) [155991] KG6CYN DDS Kit update

by "Jay Bromley" <jayw5jay@cox-internet.com>

29) [155992] Re: Remote web receivers

by Tom Severt <n2uhc@yahoo.com>

30) [155993] FS: Yaesu FT-817

by Radioham <radioham@comcast.net>

31) [155994] Fox - Summer Fox Hunt Teams Results.

by Bruce Rattray <rattray@gpfn.sk.ca>

32) [155995] Re: Overvoltage protection - was If it seems too good to be true . . .

by "Lee Mairs" <lmairs@direcway.com>

33) [155996] N4QA 21.123 MHz CW beacon now QRT.

by "Bill, N4QA" <n4qa@hotmail.com>

34) [155997] Re: [4SQRP] Last Fox Hunt of the season

by "George, W5YR" <w5yr@att.net>

35) [155998] Re: Remote web receivers

by "George, W5YR" <w5yr@att.net>

36) [155999] Re: OT: Dual band twin lead j-pole

by Dale Botkin <dale@botkin.org>

37) [156000] Possible operation from MN high point

by Richard Clem <clem.law@usa.net>

38) [156001] Fw: Yaesu FT-747GX QRP mod

by "Frank" <fking@oregonvos.net>

39) [156002] Inductance calculation of toroids

by "pschweit" <pschweit@mninter.net>

40) [156003] Best Receiver

by "Lou" <w7ji@cox.net>

41) [156004] LED Flashers on Flex-i-gen

by "Doug Hendricks" <ki6ds@dospalos.org>

- 42) [156005] Re: QSL.NET Webpages??
by Rob Matherly <w0jrm@arrl.net>
- 43) [156006] Thanks for Great FOX Season
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 44) [156007] Re: LED Flashers on Flex-i-gen
by "George, W5YR" <w5yr@att.net>
- 45) [156008] Re: Best Receiver
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 46) [156009] Re: Best Receiver
by "Lee Mairs" <lmairs@direcway.com>
- 47) [156010] Re: Remote web receivers
by Wayne_W5KDJ <w5kdj@juno.com>
- 48) [156011] Re: More wine, anyone? [Long]
by "n2cx" <n2cx@voicenet.com>
- 49) [156012] RE: Dual band twin lead j-pole
by tf3vst@vortex.is (Villi Idunni)
- 50) [156013] Re: Freq Ref kit from kitsandparts.com
by Lloyd Lachow <llachow@yahoo.com>
- 51) [156014] Re: More wine, anyone? [Long]
by "n2cx" <n2cx@voicenet.com>
- 52) [156015] N O T I C E: NEQRP SSB NET Thursday 7:30PM EDST 7.285Mhz+- 5Khz
by "Ron Pfeiffer" <n1zsw@hotmail.com>
- 53) [156016] Multiband Wire Antenna Suggestions?
by Jeremy Cowgar <jc@cowgar.com>
- 54) [156017] Re: Multiband Wire Antenna Suggestions?
by Lloyd Lachow <llachow@yahoo.com>
- 55) [156018] CORRECTION: NEQRP SSB NET Tuesday 7:30PM EDST 7.285Mhz+- 5Khz
by "Ron Pfeiffer" <n1zsw@hotmail.com>
- 56) [156019] Re: Multiband Wire Antenna Suggestions?
by "Noyce, Bill" <william.noyce@hp.com>
- 57) [156020] Re: Multiband Wire Antenna Suggestions?
by Dale Botkin <dale@botkin.org>
- 58) [156021] Re: WILD IDEA
by Steven Weber <kd1jv@moose.ncia.net>
- 59) [156022] Re: Multiband Wire Antenna Suggestions?
by "George, W5YR" <w5yr@att.net>
- 60) [156023] Re: Elmer 160: Beginning PIC applications
by "John J. McDonough" <wb8rcr@arrl.net>
- 61) [156024] Re: Kits for young hams FREE!!!!!!!!!!
by "Robert K. Henderson" <rk@sympatico.ca>
- 62) [156025] Re: Multiband Wire Antenna Suggestions?
by "George, W5YR" <w5yr@att.net>
- 63) [156026] RE: OT ARRL Web Operating System Survey
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 64) [156027] QRP Afield
by "wd7y@pyramid.net" <wd7y@pyramid.net>
- 65) [156028] RE: Multiband Wire Antenna Suggestions?
by "Dave Ek" <ekdave@earthlink.net>

66) [156029] Re: Multiband Wire Antenna Suggestions?
by Wayne_W5KDJ <w5kdj@juno.com>

67) [156030] Re: OT ARRL Web Operating System Survey
by Brian Short <bshort4@cox.net>

68) [156031] Re: SuSe 8.2 Pro Disks
by wkhibbert@juno.com

69) [156032] Re: Multiband Wire Antenna Suggestions?
by Curt Milton <wb8yyy@yahoo.com>

70) [156033] Re: WILD IDEA
by Curt Milton <wb8yyy@yahoo.com>

71) [156034] Re: Kits for young hams FREE!!!!!!!
by "Jay Bromley" <jayw5jay@cox-internet.com>

72) [156035] Re: Multiband Wire Antenna Suggestions?
by Bruce Muscolino <w6toy@erols.com>

73) [156036] Re: Multiband Wire Antenna Suggestions?
by Bruce Muscolino <w6toy@erols.com>

74) [156037] [155905] Experimenters DDS Signal Gen (Parts order buddies sought)
by John Farnsworth <jfarnsworth@direcway.com>

75) [156038] RE: Multiband Wire Antenna Suggestions?
by "Boulineau, Lee" <lee.boulineau@attws.com>

76) [156039] RE: Multiband Wire Antenna Suggestions?
by "Boulineau, Lee" <lee.boulineau@attws.com>

77) [156040] Elecraft XV transverter manual now on our web page
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>

78) [156041] Re: Multiband Wire Antenna Suggestions?
by Jeremy Cowgar <jc@cowgar.com>

79) [156042] Re: Multiband Wire Antenna Suggestions?
by "Dave Sjolín" <sjolin@swbell.net>

80) [156043] Re: Multiband Wire Antenna Suggestions?
by "Joe W2KJ" <w2kj@bellsouth.net>

81) [156044] BPL
by Peter Burbank <peterlee@qx.net>

82) [156045] Battery Storage
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

83) [156046] Re: Multiband Wire Antenna Suggestions?
by Karl Larsen <k5di@msn.com>

84) [156047] Re: Multiband Wire Antenna Suggestions?
by Tom Severt <n2uhc@yahoo.com>

85) [156048] Fox; NOUR log
by "Jim NOUR" <n0ur@comcast.net>

86) [156049] Re: Battery Storage
by Paul <mooney@cytanet.com.cy>

87) [156050] 30 meters
by Mike Cummings <mook@annihilator.net>

88) [156051] Re: Battery Storage
by "Mike Yetsko" <myetsko@insydesw.com>

89) [156052] Re: [155905] Experimenters DDS Signal Gen (Parts order buddies sought)

by John Farnsworth <jfarnsworth@direcway.com>
90) [156053] Re: QRP Afield
by Nelson Winter <thenels@go.com>
91) [156054] OT: Using Ham Radio Towers for Wireless Internet
by Brian Short <bshort4@cox.net>
92) [156055] I'm hearing things [Was: More wine, anyone?]
by "Nick Kennedy" <nkennedy@tcainternet.com>

Date: Sun, 10 Aug 2003 15:59:10 -0600
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [155964] Re: WILD IDEA
Message-ID: <5.1.1.6.2.20030810151400.00a40420@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

In short, lots! A quick estimate:

100W to a dipole (2.15dBi gain) is 164W EIRP.

At 10m separation in free space, the power density is 131mW/square meter.
Note this corresponds to 7V/m field strength, far under the FCC RF exposure
limit. Also note that few antennas on urban lots can be placed more than
10m from a property lines, so 10m is a reasonable estimate for the separation.

The effective capture area of an isotropic antenna at 14.06MHz is 36 square
meters.

If the power line has -20dBi gain, it will receive $131 \times 36 \times 0.01 \text{mW} = 47 \text{mW}$ of RF
power, +16.7dBm.

72,
--Tim (KR0U)

>"George, W5YR" <w5yr@att.net>:
>
>The flip side is perhaps even more interesting, Joel.
>
>How much interference to the BPL data transmission would results from
>operation of a typical 100-watt ham rig into a backyard low dipole or
>ground-mounted vertical?

Date: Sun, 10 Aug 2003 16:11:42 -0700
From: "Bud Haynes" <kv7g@toast.net>
To: <nr5a@rap.midco.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155965] Re: QSL.NET Webpages??
Message-ID: <004c01c35f94\$c522da20\$0100a8c0@bud>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Just wondering for those of you who happen to have a webpage that you made
> on QSL.NET. How long did it take to get it???? I applied for one over 2
> weeks ago and so far nothing.

>
> Jerry - NR5A - South Dakota

>
Jerry, I have had mine for several years and I don't recall waiting over a
day or so if that long.

Bud - KV7G - Glenrock, Wy (Temporary)

Mailto: kv7g@toast.net
Web Page: www.qsl.net/kv7g

Date: Sun, 10 Aug 2003 16:12:31 -0600
From: Michael Taddeo <mike.taddeo@shaw.ca>
To: Fox Hunt <qrp-1@Lehigh.EDU>
Subject: [155966] Re: FOX The last Summer Hunt in an hour
Message-ID: <3F36C34F.C2CE0FAA@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Got me one pelt... looking for n1fn ... come out come out where every you
are ! Canuk needs the other slipper !

Karl Larsen wrote:

> I can hardly wait to work both foxes this time. I am home with
> my big TH6DXX beam at 60 feet. It makes me a s unit stronger and it does
> help with QRM. Band conditions should be Normal, whatever that means...
>

> --

>

> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -

--

Michael Taddeo
mike.taddeo@shaw.ca
ICQ# 221086
VA6MJT
HTTP://www.apothecarytech.ca/va6mjt

Date: Sun, 10 Aug 2003 17:18:15 -0500
From: "Jim Sheldon" <w0eb@cox.net>
To: "Flying Pigs Mailing List" <fpqrp-1@mpna.com>,
"Four States QRP Group" <4sqrp@mailman.qth.net>,
Subject: [155967] Last Fox Hunt of the season
Message-ID: <IBEGLCMLCDHHEFLBPHBOCEFCMCNAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeeee Haaaaa, Clean sweep within 15 minutes on the last one! Jim, NOUR was in and out, but ET, N1FN was gangbusters into Kansas. Short skip fer sure! Didn't even have to use my NVIS antenna hi. Big time QRM from the EU contesters as well, but by 2215Z most of them were gone.

Jim, W0EB

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.507 / Virus Database: 304 - Release Date: 8/4/2003

Date: Sun, 10 Aug 2003 16:32:54 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: qrp-1@lehigh.edu
Subject: [155968] FOX Got Jim but can't find ET
Message-ID: <Pine.LNX.4.44.0308101629190.2204-100000@bucket.dog>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I worked Jim first call about 14.062 and it was perfect. But below Jim is bedlam! ET is down where there are 20 guys call cq test and it's like 2 contests going on the same frequency.

If anyone works ET please pass along his frequency. Then at least I can listen on the right one.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sun, 10 Aug 2003 22:31:27 +0000
From: n1ix@att.net
To: k5di@msn.com
Cc: Karl Larsen <k5di@msn.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155969] Re: FOX The last Summer Hunt in an hour
Message-ID: <200308102231.h7AMVSGG019094@rain.CC.Lehigh.EDU>

>
> I can hardly wait to work both foxes this time. I am home with
> my big TH6DXX beam at 60 feet. It makes me a s unit stronger and it does
> help with QRM. Band conditions should be Normal, whatever that means...
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>

Date: Sun, 10 Aug 2003 22:35:14 +0000
From: n1ix@att.net
To: k5di@msn.com
Cc: qrp-1@lehigh.edu
Subject: [155970] Re: FOX The last Summer Hunt in an hour
Message-ID: <200308102235.h7AMZFGG020444@rain.CC.Lehigh.EDU>

Good luck, The WAE contest seems to have taken most of the band.
I worked a YU and S5 first call with my 500Mw Rockmite. I wish they would move

so I could work more Eu's.

Dave N1IX

>

> I can hardly wait to work both foxes this time. I am home with
> my big TH6DXX beam at 60 feet. It makes me a s unit stronger and it does
> help with QRM. Band conditions should be Normal, whatever that means...

>

> --

>

> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

>

Date: Sun, 10 Aug 2003 16:34:46 -0600

From: Michael Taddeo <mike.taddeo@shaw.ca>

To: Fox Hunt <qrp-1@Lehigh.EDU>

Subject: [155971] Here little foxie

Message-ID: <3F36C886.F1A0B363@shaw.ca>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7BIT

Well both feet will be covered with fox pelts for the fall. Wish I was able to get to all of the hunts but I was on vacation for quite a few weekends I tried to help from the camper but always ended up being the driver which made it tougher.

If I would have pulled my weight we would have given the Pesky Texans a better run.

Had a blast again with the Hunts even more than the my first time last winter. I fee my Code is starting to get better and I feel more confident but most of all I am not afraid of making mistakes any longer.

Looking forward to the next set of hunts and if the Cajuns are in for the winter and short a team member I would be happy to participate.

Thanks all the best of luck to everyone!

Mike

va6mjt

73's

--

Michael Taddeo
mike.taddeo@shaw.ca
ICQ# 221086

VA6MJT

HTTP://www.apothecarytech.ca/va6mjt

Date: Sun, 10 Aug 2003 17:37:15 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "FPigs" <fpqrp-1@mpna.com>, "qrp-1" <qrp-1@lehigh.edu>
Subject: [155972] Re: [fpqrp] Last Fox Hunt of the season
Message-ID: <018d01c35f8f\$f3a450e0\$0077da0c@mchsi.com>

Hey Jim;

Right back at you man. Both foxies in the bag in a hurry in spite of the test. Just wish I could have got me one of dem Truffle's while I was at it.

Thanks to all the Truffles and Foxies for a great summer of fun.

72 / 73 to all Jerry N0JRN
----- Original Message -----
From: "Jim Sheldon" <w0eb@cox.net>
To: "Flying Pigs Mailing List" <fpqrp-1@mpna.com>; "Four States QRP Group" <4sqrp@mailman.qth.net>; "QRP-L Mailing List" <qrp-1@Lehigh.EDU>
Sent: Sunday, August 10, 2003 5:18 PM
Subject: [fpqrp] Last Fox Hunt of the season

> Yeeee Haaaaa, Clean sweep within 15 minutes on the last one! Jim, N0UR was
> in and out, but ET, N1FN was gangbusters into Kansas. Short skip fer sure!
> Didn't even have to use my NVIS antenna hi. Big time QRM from the EU
> testers as well, but by 2215Z most of them were gone.
>
> Jim, W0EB
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.507 / Virus Database: 304 - Release Date: 8/4/2003
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe
fpqrp-1 -

Date: Sun, 10 Aug 2003 18:38:14 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [155973] FS: QRP items
Message-ID: <20030810.183824.9214.2.kc8aon@juno.com>

Still have the following for sale

1- Vectronics 40 meter tunable receiver, and homebrew 40 meter crystal controlled transmitter (don't know who built them, but both work & transmitter is top notch with etched board and does about 1 watt) both built into a very nice off white & black steel case. Rig is set up with a manual transmit switch - flip to transmit, send , flip back to receive. It has a crystal for 7.122 Mhz and power cord, no manual but Vectronics receiver manual is available at their website for downloading ! Asking \$45 OK, OK!!!! \$35 plus \$10 shipping. It needs a new home !

73
Rick
KC8AON

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 10 Aug 2003 17:46:06 -0500
From: "George, W5YR" <w5yr@att.net>
To: <k5di@msn.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155974] Re: FOX The last Summer Hunt in an hour
Message-ID: <01c201c35f91\$308e88d0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Foxes were like shooting fish in a barrel, Karl. Bet you had a great time.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: "Karl Larsen" <k5di@msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, August 10, 2003 3:53 PM
Subject: FOX The last Summer Hunt in an hour

>
> I can hardly wait to work both foxes this time. I am home with
> my big TH6DXX beam at 60 feet. It makes me a s unit stronger and it does
> help with QRM. Band conditions should be Normal, whatever that means...
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>

Date: Sun, 10 Aug 2003 17:52:20 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [155975] FOX Spot N1FN 14.060
Message-ID: <4120038010225220175@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Well old man good luck smiled this afternoon.....and I worked ET N1FN at
2247. He was spot on 14.060. Now I am hoping to find Jim N0UR. Good
luck, one and all [g] for pelts in these last two hunts of the Summer FOX
series.

73,
--Doc/K0EVZ

Date: Sun, 10 Aug 2003 18:56:14 EDT
From: Ken Brown <hfbeacons@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [155976] Curing Fluorescent shop light RF noise
Message-ID: <20000810.225353.7191.2.HFBEACONS@juno.com>

Mitchell Lee, KB6FPW, described one cure in his shop light in QST, Hints and Kinks, where he used a .22 uF self-healing metalized film capacitor rated for across-the-line 125v ac service, installed across hot and neutral where the cord enters the fixture. All the noise disappeared in his type of light.

Panasonic part number ECQ-U2A224MV, DIGI-KEY part P4612.
1-800 344 4539.

Ken Brown N4SO
Mobile, AL EM50tk
HFBEACONS@juno.com

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 10 Aug 2003 18:00:38 -0500
From: "Jay Bromley" <jayw5jay@cox-internet.com>
To: <w0eb@cox.net>, "Flying Pigs Mailing List" <fpqrp-1@mpna.com>, "Four States QRP Group" <4sqrp@mailman.qth.net>,
Subject: [155977] Re: [4SQRP] Last Fox Hunt of the season
Message-ID: <019d01c35f93\$37a38380\$fad24c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sure was fun! I sure love hearing all those QRP calls!!

73 de jay..

> Yeeee Haaaaa, Clean sweep within 15 minutes on the last one! Jim, NOUR
was
> in and out, but ET, N1FN was gangbusters into Kansas. Short skip fer
sure!
> Didn't even have to use my NVIS antenna hi. Big time QRM from the EU
> testers as well, but by 2215Z most of them were gone.
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> Jim, WOEB
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> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.507 / Virus Database: 304 - Release Date: 8/4/2003
>
> -----
> 4SQRP mailing list
> Home: <http://mailman.qth.net/mailman/listinfo/4sqrp>
> Help: <http://mailman.qth.net/faq.htm>
> Post: <mailto:4SQRP@mailman.qth.net>
> Website: <http://4sqrp.com>
>
>

Date: Sun, 10 Aug 2003 18:02:55 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [155978] Re: Freq reference kit
Message-ID: <[019701c35f93\\$8928f5a0\\$0077da0c@mchsi.com](mailto:019701c35f93$8928f5a0$0077da0c@mchsi.com)>

Here ya go Ken.

Check this out !!
<http://partsandkits.com/fref.asp>

Give Diz a shout at w8diz@fpqrp.com

Finished mine in about 1.5 hours and it works great.

Now to get it into an enclosure. Lets see !
Where did I put that Altoid tin.

72 and have fun Jerry NOJRN

----- Original Message -----

From: "Ken Brown" <hfbeacons@juno.com>

To: <benlightnd13@mchsi.com>

Sent: Sunday, August 10, 2003 5:56 PM

Subject: Re: Freq reference kit

> What's the info for the Freq ref kit?

>

> Ken Brown N4SO

> Mobile, AL EM50tk

> HFBEACONS@juno.com

>

>

>

> -----
> The best thing to hit the internet in years - Juno SpeedBand!

> Surf the web up to FIVE TIMES FASTER!

> Only \$14.95/ month - visit www.juno.com to sign up today!

>

Date: Sun, 10 Aug 2003 18:19:27 -0500

From: Jeffrey L Greer <wd4et@juno.com>

To: qrp-1@Lehigh.edu

Subject: [155979] OT: Dual band twin lead j-pole

Message-ID: <20030810.181930.-585605.1.wd4et@juno.com>

MIME-Version: 1.0

Content-Type: text/plain

Content-Transfer-Encoding: 7bit

Does anyone on the list recall an article regarding a simple dual band twin lead j-pole antenna for 2M/440 ?

I intended to have my 8th grade science class construct one for a lab and have misplaced the article.

Thanks es 73, Jeff WD4ET

The best thing to hit the internet in years - Juno SpeedBand!

Surf the web up to FIVE TIMES FASTER!

Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 10 Aug 2003 18:49:46 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <jfurman@ocs.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155980] Re: [155383] More wine, anyone? [Long]
Message-ID: <014e01c35faa\$d7b97340\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yep, I guess that's the non-linearity of the ear itself coming in to play. That may be why incredibly loud music (Frank Black, anyone?) becomes non-musical and irritating at some point. It's not so much a "threshold of pain" issue as it is the generation of non-musical spurs inside the listener's noggin.

Getting back to my little project, I did consider that it might be the earphones and not the electronics that were generating the IMD. But they were pretty good quality RS/Optimus phones and not being driven that hard. Checks with a second and then third set of phones pretty well ruled that out.

That IMD stuff is interesting. At low levels, I heard my two tones (900 and 1200 Hz) and only those tones, clearly. Then cranking up the level a little, a third tone (no doubt 300 Hz) popped up plain as day. So this is gonna be my super low distortion tone generator? But it turned out you just can't drive lo-Z phones very far with a 741. Someone suggested I add an LM386--probably not a bad idea.

It's also interesting that audio folks and radio folks use the term 'mixer' in radically different ways. A sound man would be pretty upset if his mixer 'board' produced sum and difference products, and an RF guy would be upset if his didn't.

72--Nick, WA5BDU

----- Original Message -----

From: "Jeff Furman" <jfurman@ocs.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, August 09, 2003 1:26 PM
Subject: Re: [155383] More wine, anyone? [Long]

> Nick, you might try an interesting experiment: use two separate audio
> channels, each generating non harmonically related frequencies, (how
> about 400 Hz and 700 Hz?)
> each blasting to its own speaker in the same room. You may notice imd from
> your ears, not the electronics. This was noticed by Helmholtz, at least a
> hundred years ago. I think it's mentioned in his "On the Sensations of
> Tone" published about 1885 to 1895 for various editions. When you can
> hear the mixing product, which is not necessarily harmonically related to
> either original sound, varying one of the frequencies causes noticable
> shift in the product frequency. I haven't tried this experiment in many
> years, but I think the sound needs to be fairly loud (sorry, I don't know
> how to convert 'fairly loud' into a standard sound level), but you need
> two completely separate sound sources, so you can't blame the electronics.
>
> 73, Jeff AD6MX
>

Date: Sun, 10 Aug 2003 19:53:59 -0400
From: "terres family" <terresfm@adelphia.net>
To: <qrp-l@Lehigh.EDU>
Subject: [155981] RE: Freq reference kits
Message-ID: <000001c35f9a\$ab068780\$0200a8c0@amdxp2100>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

What is the difference between the "VE3DNL Marker/Generator" and the
"W8DIZ Frequency Standard" Kits?
72
jerry aa1of

Date: Sun, 10 Aug 2003 20:04:07 -0400
From: Brad Thompson <brad.thompson@VALLEY.NET>
To: nkennedy@tcainternet.com,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155982] The poorly-defined 2N3055 (was: Re: Overvoltage protection -
was If it seems too good to be true . . .)

Message-ID: <5.0.2.1.2.20030810192845.02e212d0@pop.valley.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello--

Created when transistor technology rated as somewhat primitive by today's standards, the JEDEC/EIA specs for the 2N3055 define a very basic power transistor and were . IIRC, the original 2N3055 specs defined a single-diffused alloy transistor with limited frequency response, low current gain, and a moderate emitter-to-collector breakdown voltage, all described as minimum or nominal specs.

Manufacturers who built power transistors using other and more-advanced processes sometimes didn't get good yields on their devices. For example, a process designed to produce high-voltage and fast-switching transistors might produce transistors that didn't meet design specs in breakdown or speed, or both, but met or exceeded the 2N3055's specs.

As a consequence, that particular batch of rejected transistors might get branded as 2N3055s. In operation, these transistors might exhibit excessive high-frequency response that could cause a well-behaved circuit designed for a poky 2N3055 to burst into oscillation or otherwise malfunction. Your voltage regulator might have worked fine with a single-diffused 2N3055 but not a "hot" 2N3055.

Also, Poly-Pak sometimes bought barrels of rejected devices and also legitimate closeouts and production overruns from Transitron and other semiconductor manufacturers and marketed these components to experimenters. My favorite Poly-Pak ad described some optoisolators as follows: "Sensor or emitter, or both, may be good. We can't tell which!!!"

Another favorite line which appeared in their ads: "We bot [sic] thousands-- no time to test!!!"

For those of you who are unfamiliar with the optoisolator, it consists of a light emitter (usually an infrared LED) and a detector (frequently a phototransistor) separated by a transparent layer and encapsulated in black epoxy. If the emitter or detector failed due to, say, epoxy obscuring the light path, the device would fail its manufacturer's test procedures. With a little ohmmeter work, you could determine whether the transistor and diode still had intact junctions, but that's about all.)

That said, if one lived within driving range of Poly-Pak's retail store, one could examine a Pak's contents and decide whether the contents looked reasonable-- unbranded devices, diodes with unplated copper leads, unmarked resistors didn't bode well for usability. You paid your money and took your chances. However, determining exactly what a component was supposed to do helped educate the more-curious optimists, as did troubleshooting bad devices installed in circuits.

As for "...no time to test!!!" the device's original manufacturer had already invested time and effort squeezing the last drops of manufacturing yield out of the components before consigning them to the salvage market. I often wonder how many would-be electronic hobbyists we lost when circuits failed due to bad parts and the would-be Radio Amateurs became discouraged and gave up.

Still, I kinda miss Poly-Paks and their ads, which helped sustain Popular Electronics and Radio-Electronics magazines for years. There's not enough humor nor are there enough electronics-hobbyist magazines in today's world....

73--

Brad AA1IP

At 04:23 PM 8/10/03 -0700, Nick Kennedy wrote:

>Years ago I build a 20 amp supply with "hobby grade" 2N3055s (supposedly)
>from Poly-Paks. They leaked enough that I had to put a good sized pilot
>light on the output to allow regulation at low (or no) load. I wouldn't use
>such junky parts today, but I was young and foolish then. Now I'm old and
>foolish.

>

>72--Nick, WA5BDU

>

>----- Original Message -----

>From: "Bob Tellefsen" <n6wg@earthlink.net>

>

> > "you might also add a small load that's always there. Start
> > with a resistor and an LED (at 20mA)... but go as high as 100mA of pure
> > resistive load."

> >

> > Wow, we used to call those bleeder resistors. Hardly ever see the concept
> > anymore. Guess the song is right, Everything Old Is New Again :-)

> >

> > 73, Bob N6WG

Date: Sun, 10 Aug 2003 19:10:37 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <wd4et@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155983] Re: Dual band twin lead j-pole
Message-ID: <005001c35f9c\$ff0217d0\$0e64030a@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Here you go

http://www.n7qvc.com/amateur_radio/copper.html

----- Original Message -----

From: "Jeffrey L Greer" <wd4et@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, August 10, 2003 6:19 PM
Subject: OT: Dual band twin lead j-pole

> Does anyone on the list recall an article regarding a simple dual band
> twin lead j-pole antenna for 2M/440 ?
>
> I intended to have my 8th grade science class construct one for a lab
and
> have misplaced the article.
>
> Thanks es 73, Jeff WD4ET
>
>
> -----
> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!
>
>

Date: Sun, 10 Aug 2003 20:34:34 -0400
From: John Farnsworth <jfarnsworth@direcway.com>

To: qrp-1@Lehigh.EDU
Subject: [155984] Subject: [155905] Experimenters DDS Signal Gen (Parts order buddies sought)
Message-ID: <DIEHLGHLBGPNJENLGEBKIEFMCAAA.jfarnsworth@direcway.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I just put in an order for parts for this, as I got the boards and IC last week. I ordered at least 10 of the caps and resistors, headers, etc, so I have extras. If anyone is interested, I can sell them at cost plus postage. Just email me directly at jfarnsworth@direcway.com

Date: Sun, 10 Aug 2003 20:03:18 -0500
From: "Jay Bromley" <jayw5jay@cox-internet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [155985] Re: Kits for young hams FREE!!!!!!!
Message-ID: <021f01c35fa4\$5a4a4d40\$fad24c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang I have never had so much fun in all my life!! My wife Kathy says she has not seen that glow in my eyes except when I first saw her. :-) This is so cool that I wish it could last forever. Well come to think about it can. Elmering will never stop even when the free kits run out. Elmers helping kids, now that's ham radio. Keep those addresses coming guys. You don't have to wait and have the kid send me an email if you are helping, but I have to admit I love the emails from them!! We are on the honor system here, so let it fly.

So far we have found 30 new homes for the Fort Smith QRP kits and we are just getting started. We should have call this the Elmer Project and made it official. Oh well who cares?

I can't thank Doug "Slap Head" Hendricks enough along Mr. Tony Fishpool for putting this bug in my head.

I also want to thank Trevor Jacobs, KG6CYN, because of the DDS kits he donated to the Fort Smith QRP Group. We are going to use the money from

that project to pay for the postage on all the kits. I haven't asked but I am sure this is FB by him, hi. He is a one of the great QRPers/hams!!

I also want to thank VE3FA0, Frank Roberts, for doing the work on the Sidekick 40m receiver. They're about gone Frank, hi. Along with Doug's help made the Sidekick project a reality. Doug kitted up the Sidekicks for the FSQG. Thank you Slap Head! Of coarse not to mention Dave Benson for the design taken (well stolen, hi) from the Small Wonder Labs SWL-40A transceiver. Thank you Dave Benson, K1SWL! Guys you need to see Dave sing in front of a live audience some time. He is really great.

Since I am trying to thank everyone that has help the Fort Smith QRP Group put these kits out over the years I need to thank George Heron and the NJQRP for the help in getting a Tuna Tin II manual done. Not to mention helping with Arkiecon. Supplying kits and even flying down to do a forum. Thank you again George!

Also a big thank you for goes to Mr. VE3DNL himself, Glenn Leinweber!! Glenn design on the marker generator gave made the first Arkiecon possible. Glenn even flew down and gave a forum. Glenn there are still guys here talking about your resonant speakers you demonstrated. Thanks Glenn! Along with Dave FiField re-laying the VE3DNL boards for use gave new life in an old beginners project. Thank you Dave, AD6A. Another thank you goes to "Slap Head" for helping screw Dave up in the first layout. Just kidding here, but it is sure fun to remind Doug about it even though he would like me to forget it. Doug ate this out of his own pocket and paid for the next 500. Thanks again Slap Head!

Chuck Adams I didn't forget you, but I may have before? I am sorry about that. Chuck helped by donating parts for the first VE3DNLs and he did the first VE3DNL manual. Thank you Dr. Adams!!

So as you can see the Umbrella for QRP has been around for many years and it is the seems to also be the same ones making a difference! I can't thank them enough!!!!

Last by not lest as always the loyal QRPers that bought these kits and are Elmering with them now.

Forgive me if missed giving credit where credit is due!!

73 de w5jay/jay..

Date: Sun, 10 Aug 2003 20:16:36 -0500
From: "Jim Sheldon" <w0eb@cox.net>
To: "Four States QRP Group" <4sqrp@mailman.qth.net>,
"Flying Pigs Mailing List" <fpqrp-l@mpna.com>,
Subject: [155986] MMIC Chips have been sold
Message-ID: <IBEGLCMLCDHHEFLBPHBOEEFPCNAA.w0eb@cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Guys, second notice. All the extra MMIC Chips I had for the Experimenters DDS Signal Generator have been sold. I have no more left. The first 4 emails got 'em. Watch the lists, someone else was doing a group buy on them so more should be available soon from another source.

Jim, W0EB

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.507 / Virus Database: 304 - Release Date: 8/4/2003

Date: Sun, 10 Aug 2003 21:19:45 -0400
From: "Bob & Janet" <jbcraft@adelphia.net>
To: <nrr5a@rap.midco.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155987] RE: QSL.NET Webpages??
Message-ID: <AGEJJBFLPLHMOECFDINOAEAPCNAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I volunteered to handle the letter E for the eight call QSL BUR0... so I requested a page on qsl.net to host the "you've got cards page"... that was last month. Still no word.

I assume that Al or his helpers have either deleted my request, forgot my request, I would hate to think that they ignored my request... maybe they are on vacation?

Bob K8YS

Date: Sun, 10 Aug 2003 20:21:18 -0500
From: "tmyers" <tmyers@academicplanet.com>
To: <wd4et@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155988] Re: Dual band twin lead j-pole
Message-ID: <003501c35fa6\$df65b3a0\$0100a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think ARROW ANTENNAS makes one.

KQ5U, Terry
Spring, Texas

----- Original Message -----

From: Jeffrey L Greer <wd4et@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, August 10, 2003 18:19
Subject: OT: Dual band twin lead j-pole

> Does anyone on the list recall an article regarding a simple dual band
> twin lead j-pole antenna for 2M/440 ?
>
> I intended to have my 8th grade science class construct one for a lab
and
> have misplaced the article.
>
> Thanks es 73, Jeff WD4ET
>
> -----
> The best thing to hit the internet in years - Juno SpeedBand!
> Surf the web up to FIVE TIMES FASTER!
> Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sun, 10 Aug 2003 20:36:41 -0500
From: Steve Bauder <sbauder@wwt.net>
To: qrp-l@Lehigh.EDU, k7vo@earthlink.net
Subject: [155989] Re: Yaesu FT-747GX QRP mod
Message-ID: <3F36F329.E8BB7755@wwt.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Caity:

I have used an unmodified 747GX on QRP and as an IF for VHF transverters for the last 15 years. The "drive" control reduces CW (and AM and FM) power to as little as a few milliwatts to the full 100w. The "mic" control reduces SSB power to as little as a few milliwatts to the full 100w. Again, no mods were required on my 747.

BTW, the 747 is a highly under-rated rig. It's not FT1000 or K2, but it is a very functional rig that gets the job done. It includes a 250Hz CW filter as standard equipment.

Hope this helps!

Steve Bauder
NX9Z

Date: Sun, 10 Aug 2003 18:40:37 -0700
From: casey ray <clray@usc.edu>
To: qrp-l@Lehigh.EDU
Subject: [155990] FS - DSW 40 & Rainbow Tuner (Spoken for)
Message-ID: <3f2b223f13c1.3f13c13f2b22@usc.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-language: en
Content-transfer-encoding: 7BIT
Content-disposition: inline

Both items are spoken for.

Thanks for the bandwidth.

73 de Casey
AD6DI

Date: Sun, 10 Aug 2003 20:47:26 -0500
From: "Jay Bromley" <jayw5jay@cox-internet.com>
To: <qrp-l@Lehigh.EDU>

Subject: [155991] KG6CYN DDS Kit update
Message-ID: <026901c35faa\$846e3540\$fad24c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This will be probably my last post on this kit. I am still getting inquiries if there are any more KG6CYN DDS experimenters kits and the answer is YES. Since this is a limit run kit and most are gone I will let the rest trickle out the door. For all the information on the kit please go to :
http://www.qsl.net/kg6cyn/DDS_Project.htm

The kit is gear to the advanced kit builder. It is NOT a complete kit. It comes with two high quality plated through boards and the Atmel AT89S8252 CPU. The manual is the above link. The price for the KG6CYN DDS kit is \$25 which includes priority shipping.

All the parts were donated to the Fort Smith QRP Group by Trevor, KG6CYN and I want to thank him again for doing it. We are using the funds from this kit to pay for postage and supplies for the "Elmer Project" now on going till we run out of the other FSQG kits. See my other posts on those.

Many thanks!

73 de jay/w5jay..

Date: Sun, 10 Aug 2003 18:47:31 -0700 (PDT)
From: Tom Severt <n2uhc@yahoo.com>
To: w5kdj@juno.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155992] Re: Remote web receivers
Message-ID: <20030811014731.92379.qmail@web9608.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Wayne Rogers <w5kdj@juno.com> wrote:
> Want to see if your sigs are getting into other
> locations?
>
> <http://www.chilton.com/scripts/radio/R8-receiver>

If I hear myself do I get to send a QSL to myself?

Actually this is a good way to see if my beacon is being heard in that location. So far I haven't heard it on there.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Sun, 10 Aug 2003 22:01:29 -0400
From: Radioham <radioham@comcast.net>
To: qrp-1@lehigh.edu
Subject: [155993] FS: Yaesu FT-817
Message-ID: <5.1.0.14.0.20030810215342.00b8c2b0@mail.comcast.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

FT-817, mike, antenna and extender, shoulder strap, AA battery holder, manual, box, narrow SSB filter and Heil Traveler headset. All in excellent condition. Headset as new.

\$585 including shipping USPS priority insured mail.

72/73,

Steve, N4EUK
Reston, VA

Date: Sun, 10 Aug 2003 20:02:58 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [155994] Fox - Summer Fox Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0308102001060.17633-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #18 - N1FN -

The Cajun Thunder - 52

Wayne - K5EOA *
Vern - AA50 *
Wayne - N5YFC *
Jim - N5IB *
Mike - VA6MJT

The Cheeseheads - 0

Jerry - N9AW
Rick - NK9G
Jim - WA9TZE
Gary - W9XT
and one more.

The NE-TX Tornados - 74

Lew - N5ZE *
Joe - KK5NA
Wayne - W5KDJ *
Doc - W5TB *
George - W5YR *

...any corrections, please e-mail me direct...72 - Bruce (VE5RC+VE5QRP)

Date: Sun, 10 Aug 2003 22:08:57 -0400
From: "Lee Mairs" <lairs@direcway.com>
To: <nkennedy@tcainet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155995] Re: Overvoltage protection - was If it seems too good to be
true . . .
Message-ID: <003301c35fad\$861b8fc0\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I can remember a whole slew of stories about using "cheap" parts in the early days of microcomputers. I buddy and I had built 8008s and the 8080 machines that used the Altair front panel. We decided we wanted more memory, so we bought 4K boards uninhabited that worked off the S100 bus. We then populated the board with 2102 memory chips that I got from a friend who dealt in electronic surplus - mainly LEDs - for a living. As it turned out the reason the 2102s were on the surplus market were that they had failed a

leak test. Over time the leak failures incurred more rapidly. Over the next couple of years I was driven nuts trying to find the chip that had gone bad.

Don't buy much surplus stuff anymore (certainly not complicated chips), but it is mainly because I've gotten richer, not necessarily smarter!

73 de Lee
km4yy/8

----- Original Message -----

From: "Nick Kennedy" <nkennedy@tcainternet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, August 10, 2003 7:23 PM

Subject: Re: Overvoltage protection - was If it seems too good to be true .
. .

> Years ago I build a 20 amp supply with "hobby grade" 2N3055s (supposedly)
> from Poly-Paks. They leaked enough that I had to put a good sized pilot
> light on the output to allow regulation at low (or no) load. I wouldn't
use
> such junky parts today, but I was young and foolish then. Now I'm old and
> foolish.

>
> 72--Nick, WA5BDU
>

> ----- Original Message -----

> From: "Bob Tellefsen" <n6wg@earthlink.net>

>
> > "you might also add a small load that's always there. Start
> > with a resistor and an LED (at 20mA)... but go as high as 100mA of pure
> > resistive load."

> >
> > Wow, we used to call those bleeder resistors. Hardly ever see the
concept

> > anymore. Guess the song is right, Everything Old Is New Again :-)

> >
> > 73, Bob N6WG
>

>
>

Date: Sun, 10 Aug 2003 22:20:45 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@lehigh.edu

Cc: hfbeacons@explore.plus.com
Subject: [155996] N4QA 21.123 MHz CW beacon now QRT.
Message-ID: <BAY1-F3VvHX1pSFd8xH0003054c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

10 August 2003

No reception reports were filed.

Friday night, I did drive the mobile to a hospital parking lot, located about six miles(as the crow flies) from here. The beacon was coming in at RST 539 at that location. The mobile station was the Kenwood TS-440S and a Hustler mobile whip mounted on the rear bumper of my pickup.

Presuming that the replacement driver transistor, Q150, for the Icom IC-703 arrives here from Icom in Washington State early in the week, as promised, I'll add 30 dB of transmitter power for my next beacon run on 21.123 MHz which will be a brief one, sometime during next weekend.

Thanks all for listening...you were attempting to detect a 10 mW(transmitter output power) beacon.

By the time the power arrived at the antenna feedpoint, it was more like 5 mW...old coax and rusty Heathkit HFT-9B QRP tuner mtd atop a fencepost but protected from the elements by a chlorox bottle with the bottom cut out...

73.

Bill, N4QA
<http://www.n4qa.com>

Add photos to your messages with MSN 8. Get 2 months FREE*.
<http://join.msn.com/?page=features/featuredemail>

Date: Sun, 10 Aug 2003 21:12:36 -0500
From: "George, W5YR" <w5yr@att.net>
To: <jayw5jay@cox-internet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155997] Re: [4SQRP] Last Fox Hunt of the season
Message-ID: <023401c35fae\$0bdf5600\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gee, guys, what took so long?

N1FN - 2202

N0UR - 2205

Couldn't believe it when I heard ET so loud and then when he came right back on one call. Last week I didn't get him until the very end when he popped up out of the noise.

The Summer Hunts were interesting and fun. It will be good to get back to the noise, QRM and QRN on 40 this Fall! Seems more like a Fox Hunt when you aren't being QRMed by EU stations louder than the Foxii!

Good Hunt!

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Jay Bromley" <jayw5jay@cox-internet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, August 10, 2003 6:00 PM

Subject: Re: [4SQRP] Last Fox Hunt of the season

> Sure was fun! I sure love hearing all those QRP calls!!

>

> 73 de jay..

>

>

>

>

> > Yeeee Haaaaa, Clean sweep within 15 minutes on the last one! Jim, N0UR
> was

> > in and out, but ET, N1FN was gangbusters into Kansas. Short skip fer
> sure!

> > Didn't even have to use my NVIS antenna hi. Big time QRM from the EU
> > testers as well, but by 2215Z most of them were gone.

> >

> > Jim, W0EB

Date: Sun, 10 Aug 2003 21:35:04 -0500
From: "George, W5YR" <w5yr@att.net>
To: <n2uhc@yahoo.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155998] Re: Remote web receivers
Message-ID: <029001c35fb1\$2d69bba0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does this affect your eyesight?

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----
From: "Tom Severt" <n2uhc@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, August 10, 2003 8:47 PM
Subject: Re: Remote web receivers

>
> --- Wayne Rogers <w5kdj@juno.com> wrote:
> > Want to see if your sigs are getting into other
> > locations?
> >
> > <http://www.chilton.com/scripts/radio/R8-receiver>
>
> If I hear myself do I get to send a QSL to myself?
>
> Actually this is a good way to see if my beacon is
> being heard in that location. So far I haven't heard
> it on there.

Date: Sun, 10 Aug 2003 21:38:27 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Jeffrey L Greer <wd4et@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155999] Re: OT: Dual band twin lead j-pole
Message-ID: <Pine.LNX.4.33.0308102135180.21287-1000000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 10 Aug 2003, Jeffrey L Greer wrote:

> Does anyone on the list recall an article regarding a simple dual band
> twin lead j-pole antenna for 2M/440 ?
>
> I intended to have my 8th grade science class construct one for a lab and
> have misplaced the article.

If you look on Page 38 of the February, 2003 issue of QST I think you'll find it again.

73,
Dale - N0XAS

--
It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Sun, 10 Aug 2003 22:08:12 -0500
From: Richard Clem <clem.law@usa.net>
To: <qrp-l@lehigh.edu>
Subject: [156000] Possible operation from MN high point
Message-ID: <826HHkDim5920S16.1060571292@uwdvg016.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I was at the Adventure Radio Society web page a while back, and noticed that
the highest point in Minnesota, Eagle Mountain, has never been activated.=

My wife and I are going to be camping this weekend in the area, and it looks

like the hike isn't too bad (about 3 1/2 miles, and no sheer vertical cliffs or anything like that), so it is possible that we will be setting up and operating from there this coming Saturday.

I will post more details later in the week. But if we do go, we will probably be on the air for about an hour or two early Saturday afternoon. It looks like there are available trees, so I would probably string up dipoles for 40 and/or 20. I probably won't want to haul batteries with me, so I would probably be running about 1 watt with the FT-817's internal NiCd's.

Also, if anyone is near Lake Superior in Minnesota, Wisconsin, or the Upper Michigan, it might be interesting to give it a try on 2 or 432 with the rubber duck antenna.

Again, I'll post more details later in the week.

73,
Rick W0IS

Date: Sun, 10 Aug 2003 20:10:51 -0700
From: "Frank" <fkking@oregonvos.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156001] Fw: Yaesu FT-747GX QRP mod
Message-ID: <002b01c35fb6\$2c7d1f70\$e71ab1c6@D3C2ZN21>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Caity:

I, too, have used my Yaesu FT-747, unmodified, for QRP until I got my K2, and the FT-817. Steve does a good job of describing the procedure to reduce output on CW.

I operated at 5 watts most of the time.

72

Frank
AA7XA

----- Original Message -----

From: "Steve Bauder" <sbauder@wwt.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, August 10, 2003 6:36 PM
Subject: Re: Yaesu FT-747GX QRP mod

> Caity:
>
> I have used an unmodified 747GX on QRP and as an IF for VHF transverters
> for the last 15 years. The "drive" control reduces CW (and AM and FM)
> power to as little as a few milliwatts to the full 100w. The "mic"
> control reduces SSB power to as little as a few milliwatts to the full
> 100w. Again, no mods were required on my 747.
>
> BTW, the 747 is a highly under-rated rig. It's not FT1000 or K2, but it
> is a very functional rig that gets the job done. It includes a 250Hz CW
> filter as standard equipment.
>
> Hope this helps!
>
> Steve Bauder
> NX9Z
>

Date: Sun, 10 Aug 2003 23:20:15 -0500
From: "pschweit" <pschweit@mninter.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156002] Inductance calculation of torids
Message-ID: <003e01c35fbf\$e57750a0\$6be7add1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am in the process of designing a reciever using a torid core. the tuning section has both series and parralel LC sections that are linked on a bifibular winding. Is there a correction factor or phasing issues that can be predicted?

Just tinkering!!!!

De KA0PGQ
rob

Date: Sun, 10 Aug 2003 21:39:01 -0700
From: "Lou" <w7ji@cox.net>
To: <qrp-1@Lehigh.EDU>
Subject: [156003] Best Receiver
Message-ID: <001901c35fc2\$7c6fc620\$6501a8c0@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to build a good receiver and have looked at several schematics. I would like some input from the members of this list as to which receiver they would build. It doesn't have to be exceptionally cheap to build I would rather sacrifice a few bucks for good quality and performance.

72/73's All,
Lou, W7JI

Date: Sun, 10 Aug 2003 22:08:56 -0700
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [156004] LED Flashers on Flex-i-gen
Message-ID: <01ee01c35fc6\$acd83640\$1fdbd7a8@DOUG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If any of you guys take Flex-i-gen, take a look at their new package the next time you are at the store. The box comes with an LED Flasher that is flashing!! My wife brought two of them home today, and I immediately tore open the box. Found a circuit board about 2 x 2.5" with three 3V button batteries, a resistor and an LED, plus a strange looking black button like thing. The batteries appear to be in parallel. This might make an excellent "power supply" for a NorCal keyer, grin. Check it out. 72, Doug

Date: Mon, 11 Aug 2003 00:09:07 -0500
From: Rob Matherly <w0jrm@arrl.net>
To: jbcraft@adelphia.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156005] Re: QSL.NET Webpages??
Message-ID: <200308110009.07135.w0jrm@arrl.net>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

On Sunday 10 August 2003 08:19 pm, Bob & Janet wrote:

> I volunteered to handle the letter E for the eight call QSL BUR0... so I
> requested a page on qsl.net to host the "you've got cards page"... that w=
as
> last month. Still no word.
>
> I assume that Al or his helpers have either deleted my request, forgot my
> request, I would hate to think that they ignored my request... maybe they
> are on vacation?

Must have been on vacation an awfully long time. I tried 4 or 5 times to g=
et=20
space for a webpage for the local ham club. Nada. I tried e-mailing him=
=20
about domain registration and hosting twice. Nada. I'd consider sending a=
=20
donation now and then if I actually got a response to my inquiries.

--=20

72/73/oo - Rob, w0jrm

FPQrp -330; QRPP-I #19; WATPK #1

"A learned fool writes his nonsense in better language than the
unlearned, but still 'tis nonsense." Benjamin Franklin

--=20

Message from mail.iowasocan.com

This message has been scanned for viruses and
dangerous content by MailScanner, and is
believed to be clean.

Date: Mon, 11 Aug 2003 1:6:29 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>

Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [156006] Thanks for Great FOX Season
Message-ID: <41200381116629264@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Thanks everyone who had a part in this Summer FOX Hunt season--whether FOX, hunter, team member, or behind the scenes folks. It has been great fun, with occasional terrific challenges because of propagation. I have especially enjoyed seeing some new faces/calls participating this summer.

Yes indeed, there will be a Winter season. Please watch for announcements soon.

73,

--Doc/K0EVZ

for the FOX Committee: Marshall N1FN, Tom N1TP, Bruce VE5RC and
Chuck Adams K7Q0, Member Emeritus and founder of the FOX HF Hunts and
QRP-L reflector

Date: Mon, 11 Aug 2003 01:12:43 -0500
From: "George, W5YR" <w5yr@att.net>
To: <ki6ds@dospalos.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156007] Re: LED Flashers on Flex-i-gen
Message-ID: <033201c35fcf\$941ddd40\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What is Flex-i-gen, Doug?

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Doug Hendricks" <ki6ds@dospalos.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, August 11, 2003 12:08 AM
Subject: LED Flashers on Flex-i-gen

> If any of you guys take Flex-i-gen, take a look at their new package the
> next time you are at the store. The box comes with an LED Flasher that is
> flashing!! My wife brought two of them home today, and I immediately tore
> open the box. Found a circuit board about 2 x 2.5" with three 3V button
> batteries, a resistor and an LED, plus a strange looking black button like
> thing. The batteries appear to be in parallel. This might make an
> excellent "power supply" for a NorCal keyer, grin. Check it out. 72,
Doug
>

Date: Mon, 11 Aug 2003 12:21:12 +0400
From: "Oleg V. Borodin" <master72@lipetsk.ru>
To: "QRP-L" <qrp-1@Lehigh.EDU>, "Lou" <w7ji@cox.net>
Subject: [156008] Re: Best Receiver
Message-ID: <003101c35fe8\$0174f780\$33e522c3@OLEG.lipetsk.ru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="koi8-r"
Content-Transfer-Encoding: 7bit

Dear OM Lou!

See RU-QRP Club's Web page (see below) link to RU-QRP SHOP" - "Gnomik" trcvr
(only receiver part). It's very easy to build and well work at any band you
like (I has made this receiver for 20, 40 and 80 m band with excellent
results).
Good luck!

Wish you all the best!
--- In QRP We Trust :-)
72! de RV3GM Oleg V. Borodin
Chairman of RU-QRP Club <http://ruqrp.narod.ru>

>I would like to build a good receiver and have looked at several
schematics.
>I would like some input from the members of this list as to which receiver
>they would build. It doesn't have to be exceptionally cheap to build I
>would rather sacrifice a few bucks for good quality and performance.

Date: Mon, 11 Aug 2003 07:01:25 -0400
From: "Lee Mairs" <lmairs@direcway.com>
To: "Lou" <w7ji@cox.net>, "qrp1" <qrp-1@Lehigh.EDU>
Subject: [156009] Re: Best Receiver
Message-ID: <00f001c35ff7\$e8827350\$2202a8c0@J4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lou -
You will be incredibly surprised at the receiver in the 2N2-40. Jim Kortege
still has some of the crystals necessary for filter and LO. and he
definitely isn't making a profit on them!
Plus. there is a large support group to suggest ways that you wound the
trifilar toroids incorrectly!
Check out Paul Harden's (NA5N) book and the WebPages at
<http://groups.yahoo.com/group/2n2-40/>

73 de Lee
km4yy/8

----- Original Message -----
From: "Lou" <w7ji@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, August 11, 2003 12:39 AM
Subject: Best Receiver

> I would like to build a good receiver and have looked at several
schematics.
> I would like some input from the members of this list as to which receiver
> they would build. It doesn't have to be exceptionally cheap to build I
> would rather sacrifice a few bucks for good quality and performance.
>

> 72/73's All,
> Lou, W7JI
>
>
>

Date: Mon, 11 Aug 2003 11:20:19 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: n2uhc@yahoo.com
Cc: qrp-1@Lehigh.EDU
Subject: [156010] Re: Remote web receivers
Message-ID: <20030811.042106.16315.1143979@webmail02.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

I tried to hear your beacon also but nil sigs. I did hear myself with 75mw before the fox hunt.

Wayne_W5KDJ
Ex: SV0WWW TF2WJN *e-QSL*
ARS_1392 ARCI_11325 FP_626
FISTS_10060 SOC_538 ARRL

--- Tom Severt <n2uhc@yahoo.com> wrote:

--- Wayne Rogers <w5kdj@juno.com> wrote:
> Want to see if your sigs are getting into other
> locations?
>
> <http://www.chilton.com/scripts/radio/R8-receiver>

If I hear myself do I get to send a QSL to myself?

Actually this is a good way to see if my beacon is being heard in that location. So far I haven't heard it on there.

=====
Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software

<http://sitebuilder.yahoo.com>

Date: Mon, 11 Aug 2003 07:54:04 -0400 (EDT)
From: "n2cx" <n2cx@voicenet.com>
To: qrp-l@lehigh.edu
Subject: [156011] Re: More wine, anyone? [Long]
Message-ID: <2003081111154.h7BBs498027083@email2.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Group,

What one needs to generate "mixing" products (sum and difference etc. frequencies from tow pure tones) is a non-linearity somewhere.

Well you have a couple in your head! The ear is not a linear detector but a logarithmic one. If it were linear it would likely limit your hearing amplitude range. Had a looong discussion with a project advisor years ago about that. He said that tones always generated sum and difference products and I contended not - if you used a linear detector instead of your ears. I finally "allowed" him to realize that ears were logarithmic in nature.

However you *can* get non-linearity in air. There is a company now producing directional flat loudspeakers which modulate two ultrasonic waves with an audible sound and combine them in the air. At very high sound levels they mix and produce sound in the audible range in a desired volume and not elsewhere. I'll try to dig up the reference and post to the list.

72/73,
Joe E., N2CX

Date: Mon, 11 Aug 2003 12:43:44 -0000
From: tf3vst@vortex.is (Villi Idunni)
To: <brian@iquest.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156012] RE: Dual band twin lead j-pole
Message-ID: <LMEFJBBFINEDEOKDIPCPEEFEDGAA.tf3vst@vortex.is>
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 8bit

That's not what was asked about,
rather try <http://tcarc.ca/2mrollup.html>

73, de TF3VS

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
> Brian Murrey
> Sent: 11. g st 2003 00:11
> To: Low Power Amateur Radio Discussion
> Subject: Re: Dual band twin lead j-pole

>

>

> Here you go

>

> http://www.n7qvc.com/amateur_radio/copper.html

>

>

> ----- Original Message -----

> From: "Jeffrey L Greer" <wd4et@juno.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Sunday, August 10, 2003 6:19 PM
> Subject: OT: Dual band twin lead j-pole

>

>

> > Does anyone on the list recall an article regarding a simple dual band
> > twin lead j-pole antenna for 2M/440 ?

> >

> > I intended to have my 8th grade science class construct one for a lab
> > and

> > have misplaced the article.

> >

> > Thanks es 73, Jeff WD4ET

> >

> >

> > -----
> > The best thing to hit the internet in years - Juno SpeedBand!

> > Surf the web up to FIVE TIMES FASTER!

> > Only \$14.95/ month - visit www.juno.com to sign up today!

> >

> >

>

>

>

Date: Mon, 11 Aug 2003 06:22:14 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: mross13@nyc.rr.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,
Subject: [156013] Re: Freq Ref kit from kitsandparts.com
Message-ID: <20030811132214.3985.qmail@web41005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Now, here's a word that those who know me would be surprised to hear me use, but in light of the ongoing brouhaha about Mr. Dieter's offerings to the QRP community, and regarding the below, seems particularly apposite:

DITTO!!!

oo es 72!

"

--- Michael Ross <mross13@nyc.rr.com> wrote:
> I ordered and built all of the kits that comprise
> the MP+ transceiver
> designed and sold by Diz. All went together
> smoothly. When I had some
> questions, Diz was quick to answer. He stands behind
> his kits. I would
> recommend any of Diz's products. Now it's time for
> me to get my order in for
> the Freq. Ref. kit.
>
> 73 de Mike, W2VD

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Mon, 11 Aug 2003 09:43:28 -0400 (EDT)
From: "n2cx" <n2cx@voicenet.com>
To: qrp-1@lehigh.edu
Subject: [156014] Re: More wine, anyone? [Long]
Message-ID: <200308111343.h7BDhSup017070@email2.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Group,

I found the reference for the "focussed sound" using ultrasonic emitters and in-air mixing. See

<http://www.e-insite.net/ednmag/contents/images/296500.pdf>

for the article.

The company who manufactures the gear also has a site:

<http://www.atcsd.com/>

As usual, no pecuniary interest, merely curiosity...

72/73,

Joe E., N2CX

Date: Mon, 11 Aug 2003 10:04:31 -0400
From: "Ron Pfeiffer" <n1zsw@hotmail.com>
To: neqrp@jona1.net
Cc: qrp-1@Lehigh.EDU
Subject: [156015] N O T I C E: NEQRP SSB NET Thursday 7:30PM EDST 7.285Mhz+-5Khz
Message-ID: <Law9-F111n201bhsKd600040faa@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I will be out of town but Chuck (K1CL) has graciously accepted the lowly honor of being your net control for tomorrow night. Please join Chuck and make the QRP SSB NET successful.

Time: 7:30 PM EDST
Day : Tonight, Tuesday
Freq: 7.295 Mhz plus/minus 5 Khz.

Last weeks checkins:

K1CL Chuck MA
KC1FB Jim CT
KE1LA Joel ME
KT1VT Frank VT
K1RMS Jim MA

and relay from K1CL- AB8DF Ed MI

Net control will be - K1CL - Chuck - Chelmsford, MA

Ron - N1ZSW

The new MSN 8: advanced junk mail protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Mon, 11 Aug 2003 10:18:19 -0700
From: Jeremy Cowgar <jc@cowgar.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [156016] Multiband Wire Antenna Suggestions?
Message-ID: <3F37CFDB.7080607@cowgar.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I am curious if anyone has some good suggestions. I would like to cover 40, 30 and 20 with a wire antenna. My problem is that I can only put the antenna about 30-35' in the air.

I was looking through the ARRL Antenna handbook and am failing on finding a suitable solution. Does anyone have any ideas?

Oh, I would like to keep RF out of the shack too.

Jeremy
KB8LFA

Date: Mon, 11 Aug 2003 07:52:28 -0700 (PDT)
From: Lloyd Lachow <llachow@yahoo.com>
To: jc@cowgar.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156017] Re: Multiband Wire Antenna Suggestions?
Message-ID: <20030811145228.66035.qmail@web41010.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have a wire, 14 ga. stranded, stuck in the back of my K1, which has an auto-tuner, and it goes out the window, up and into and around the attic, then out again and into some trees, then down a bit. Total length about 200', height about 20-25', maximum, with about 12-15' vertical at eaither end. With this, I work the world with .5-5W. There's RF in the shack, but I'm thinking (hoping)that it's not biologically significant at that level.

--- Jeremy Cowgar <jc@cowgar.com> wrote:
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>
> Jeremy
> KB8LFA
>

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
multiPIG+ #14 - K1 # 00379 - 20/40M Rock-Mites
Hunk o' Wahr - Begali Magnetic Classic Paddles
ARRL - ARS #1301 - QRParci #11147 - FISTS #8774
FPQRP #476 - QRP-L #2415 - BORG #2
Fun = Skill / Power ! 8^D

Do you Yahoo!?

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<http://sitebuilder.yahoo.com>

Date: Mon, 11 Aug 2003 10:54:09 -0400
From: "Ron Pfeiffer" <n1zsw@hotmail.com>
To: neqrp@jonal.net
Cc: qrp-1@Lehigh.EDU
Subject: [156018] CORRECTION: NEQRP SSB NET Tuesday 7:30PM EDST 7.285Mhz+- 5Khz
Message-ID: <LAW9-F92usluCBcKfEx0003b980@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Must have been asleep on Monday morning!!!!!! Its tomorrow - TUESDAY

I will be out of town but Chuck (K1CL) has graciously accepted the lowly honor of being your net control for tomorrow night. Please join Chuck and make the QRP SSB NET successful.

Time: 7:30 PM EDST
Day : Tuesday
Freq: 7.295 Mhz plus/minus 5 Khz.

Last weeks checkins:

K1CL Chuck MA
KC1FB Jim CT
KE1LA Joel ME
KT1VT Frank VT
K1RMS Jim MA

and relay from K1CL- AB8DF Ed MI

Net control will be - K1CL - Chuck - Chelmsford, MA

Ron - N1ZSW

The new MSN 8: advanced junk mail protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Mon, 11 Aug 2003 11:03:49 -0400
From: "Noyce, Bill" <william.noyce@hp.com>
To: <qrp-1@Lehigh.EDU>
Subject: [156019] Re: Multiband Wire Antenna Suggestions?
Message-ID:
<6D6463F31027B14FB3B1FB094F2C74470347AFCE@tayexc17.americas.cpqcorp.net>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Try a 44 foot doublet, tuned by a Norcal BLT.
<http://www.cebik.com/aledz.html>
A genuine "Norcal Doublet" is made by unzipping
22 feet of a 50-foot zipcord or ribbon cable, giving
you the 44' antenna plus a 28' balanced feed line.
If you want to cover 80 meters too, use an 88 foot
doublet -- you lose the nice pattern on 10 and 15
meters, but that may not matter for a few years now.
-- Bill, AB1AV

Date: Mon, 11 Aug 2003 10:05:07 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156020] Re: Multiband Wire Antenna Suggestions?
Message-ID: <Pine.LNX.4.33.0308110958560.22417-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 11 Aug 2003, Jeremy Cowgar wrote:

> I am curious if anyone has some good suggestions. I would like to cover
> 40, 30 and 20 with a wire antenna. My problem is that I can only put the
> antenna about 30-35' in the air.
>
> I was looking through the ARRL Antenna handbook and am failing on
> finding a suitable solution. Does anyone have any ideas?

I use a 66' doublet in the attic (around 25' or so high) fed with cheap
Radio Shack TV twinlead and a balanced tuner. Total investment so far of
around \$75, including a used MFJ-941 from eBay. Works on 40, 20, 30, 15,

10 for sure, seems to tune fine on all but 80 meters but I haven't made any contacts yet on 12 or 17 - not that I've tried. I'm at the bottom of a hill and still manage to work both coasts and once to Russia.

Home Depot - \$12 for a 100' spool of #12 insulated
eBay - \$55 for a used tuner, including shipping from VE-land
Radio Shack - \$10 for a roll of TV twinlead

One of these days I need to climb up in the attic again and actually tune the thing for 40, plus I'll add wires for 20, 10 and maybe 15.

72,
Dale

--

It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Mon, 11 Aug 2003 11:26:31 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156021] Re: WILD IDEA
Message-ID: <3.0.6.32.20030811112631.007ce570@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>>How much interference to the BPL data transmission would results from
>>operation of a typical 100-watt ham rig into a backyard low dipole or
>>ground-mounted vertical?

>If the power line has -20dBi gain, it will receive $131 \times 36 \times 0.01 \text{mW} = 47 \text{mW}$ >of
RF power, +16.7dBm.
>

Which I would think would be enough to over load the front end of a BPL receiver and cause all kinds of intermod. Due to the broad band nature of BPL, it's unlikely they have much or anything in the way of front end filtering.

I wonder what they are using for a receiver? It's conceivable they could be going more or less directly into a high speed A/D with undersampling. In which case, it could be reasonably resistant to QRM and overload.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Mon, 11 Aug 2003 10:33:56 -0500
From: "George, W5YR" <w5yr@att.net>
To: <llachow@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [156022] Re: Multiband Wire Antenna Suggestions?
Message-ID: <004301c3601d\$fd050ab0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Lloyd, a 1/4-wave wire for each band laid out straight on the floor with one end connected to the K1 and the other end floating would drive the K1 chassis to near zero r-f potential. Won't hurt and might help.

I sure have no trouble working you!

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----
From: "Lloyd Lachow" <llachow@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, August 11, 2003 9:52 AM
Subject: Re: Multiband Wire Antenna Suggestions?

> I have a wire, 14 ga. stranded, stuck in the back
> of my K1, which has an auto-tuner, and it goes out the
> window, up and into and around the attic, then out
> again and into some trees, then down a bit. Total
> length about 200', height about 20-25', maximum, with
> about 12-15' vertical at eaither end. With this, I
> work the world with .5-5W. There's RF in the shack,
> but I'm thinking (hoping)that it's not biologically
> significant at that level.
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> 73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland
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> ARRL - ARS #1301 - QRPParci #11147 - FISTS #8774
> FPQRP #476 - QRP-L #2415 - BORG #2
> Fun = Skill / Power ! 8^D
>
> -----
> Do you Yahoo!?
> Yahoo! SiteBuilder - Free, easy-to-use web site design software
> <http://sitebuilder.yahoo.com>

Date: Mon, 11 Aug 2003 11:35:08 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156023] Re: Elmer 160: Beginning PIC applications
Message-ID: <001301c3601e\$25b43bc0\$080044c0@BrianBoru>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang

Sorry for the quiet. A week ago my main computer got taken out by lightning and I've been recovering it. I still haven't recovered all of my emails. The good (sort of) news is that forced me to figure out how to run a PIC programmer from XP sooner than I had planned <g> The bad news is that I am now somewhat crippled in the Win9x department.

Wednesday I am going out of town and will be email-less for a week. I will have my laptop, though, so I will continue to plug away at the Elmer 160 materials.

For those keeping score, well over 100 folks have expressed interest.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

Subject: Re: Elmer 160: Beginning PIC applications

> Have I missed something...
>
> Have not seen any messages re: Elmer 160 lately.

Date: Mon, 11 Aug 2003 11:40:36 -0400
From: "Robert K. Henderson" <rk@sympatico.ca>
To: <qrp-l@lehigh.edu>
Subject: [156024] Re: Kits for young hams FREE!!!!!!!
Message-ID: <BB5D3130.918%rk@sympatico.ca>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Great idea, Jay! Wish my nephew were a few years older so I could take you up on it. (That kid is growing up so slowly! It's like he only has a birthday every year or so...)

--

Rob Henderson
KB7PWJ

See my article "Low Power, Crummy Antenna," QST, December 1999. PDF file available from the ARRL website:

<http://www.arrl.org/tis/info/pdf/9812057.pdf>

Date: Mon, 11 Aug 2003 10:39:39 -0500
From: "George, W5YR" <w5yr@att.net>
To: <jc@cowgar.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [156025] Re: Multiband Wire Antenna Suggestions?
Message-ID: <005501c3601e\$c9a53a40\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I highly recommend an 88 ft dipole fed with twinlead or ladderline and the use of a tuner. I use this for 80-10; in fact, I have two mounted at right angles about 35 ft high. Great performance, especially on 20.

Connect the ladderline to coax through a 1:1 current balun. I prefer the W2DU bead balun. You can buy these from the Wireman or build you own with parts from Palomar and others. I have three such antennas operating this way with very good performance and no r-f in the shack problems.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----
From: "Jeremy Cowgar" <jc@cowgar.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Monday, August 11, 2003 12:18 PM
Subject: Multiband Wire Antenna Suggestions?

> I am curious if anyone has some good suggestions. I would like to cover
> 40, 30 and 20 with a wire antenna. My problem is that I can only put the
> antenna about 30-35' in the air.
>
> I was looking through the ARRL Antenna handbook and am failing on

> finding a suitable solution. Does anyone have any ideas?
>
> Oh, I would like to keep RF out of the shack too.
>
> Jeremy
> KB8LFA
>

Date: Mon, 11 Aug 2003 11:39:29 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156026] RE: OT ARRL Web Operating System Survey
Message-ID: <721D3436A7C2B344A301FD4A413C71A9017355D5@kosh.arrlhq.org>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

It would have been better to have added a line that says "more than one =
of the above," but no one thought of it. The survey questions truly are =
intended for fun and amusement, so the ARRL staff don't spend a lot of =
time on them.=20

73,=20
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Brian Short [mailto:bshort4@cox.net]
> Sent: Sunday, August 10, 2003 1:34 AM
> To: Low Power Amateur Radio Discussion
> Subject: OT ARRL Web Operating System Survey
>=20
>=20
> In my opinion, the ARRL "for fun" survey is extremely short sighted.
>=20
> It is based on a single exclusive response and I just bet that others

> are in my same situation.
>=20
> In *MY* shack, I have a 500MHz PowerMac G4 on the left of the
> operating table. It is running OS X, naturally.
>=20
> On the right, I have a WinTel machine that dual boots Win2000
> and RH Linux 7.
>=20
> Turning around, I have an older machine still running Win98.
>=20
> When I contest in the desert, I take an old laptop running DOS.
> I have several (literally) old laptops in the 386 and mostly 486
> class and some have Win3.1, I think 1 has Win95, some just DOS.
>=20
> The selection they allow is mutually exclusive, dichotomous, etc.
>=20
> YOU tell ME... What operating system do I use?
> --
> See my web page: <http://www.k7on.com>
>=20
>=20

Date: Mon, 11 Aug 2003 07:53:00 -0800
From: "wd7y@pyramid.net" <wd7y@pyramid.net>
To: QRP-L Members Talk <qrp-l@lehigh.edu>
Subject: [156027] QRP Afield
Message-ID: <BB5CFBDC.C984%wd7y@pyramid.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I have been away for a while and I am wondering
Has there been an announcement for this years
QRP Afield??????

Ed/WD7Y

Date: Mon, 11 Aug 2003 09:58:24 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [156028] RE: Multiband Wire Antenna Suggestions?
Message-ID: <000501c36021\$6619a5d0\$05ffff0a@NORTHROPJ6SJ50>
MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Jeremy,

I use a half-size G5RV. Mine's only up about 25' but it performs reasonably well.

73 de Dave NK0E

Date: Mon, 11 Aug 2003 16:02:55 GMT
From: Wayne_W5KDJ <w5kdj@juno.com>
To: jc@cowgar.com
Cc: qrp-1@Lehigh.EDU
Subject: [156029] Re: Multiband Wire Antenna Suggestions?
Message-ID: <20030811.090300.16315.1147351@webmail02.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

I use a SG230 antenna tuner outside at the bottom of the wire. It takes about 3 watts to activate the tuner which is automatic. It will tune the wire anywhere between 2 & 32mcs in most cases 1.5 or less SWR and requires 12vdc at a couple of amps. I think you can get a new one for something like 280 bucks but that may not be the way you want to go. Only other way would be to bring the wire into the shack and use a manual ant. tuner.

Wayne_W5KDJ
Ex: SV0WWW_TF2WJN *e-QSL*
ARS_1392 ARCI_11325 FP_626
FISTS_10060 SOC_538 ARRL

--- Jeremy Cowgar <jc@cowgar.com> wrote:

I am curious if anyone has some good suggestions. I would like to cover 40, 30 and 20 with a wire antenna. My problem is that I can only put the antenna about 30-35' in the air.

I was looking through the ARRL Antenna handbook and am failing on finding a suitable solution. Does anyone have any ideas?

Oh, I would like to keep RF out of the shack too.

Jeremy

KB8LFA

Date: Mon, 11 Aug 2003 11:42:01 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Cc: w1rfi@arrl.org
Subject: [156030] Re: OT ARRL Web Operating System Survey
Message-ID: <599C3D4C-CC12-11D7-A9E2-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

I was thinking that "Check All That Apply" would more accurately reflect the current reality.

On Monday, August 11, 2003, at 11:39 AM, Hare,Ed, W1RFI wrote:
> It would have been better to have added a line that says "more than
> one of the above," but no one thought of it. The survey questions
> truly are intended for fun and amusement, so the ARRL staff don't
> spend a lot of time on them.
>
> 73,
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
>
--
See my web page: <http://www.k7on.com>

Date: Mon, 11 Aug 2003 12:56:42 -0400
From: wkhibbert@juno.com
To: qrp-l@lehigh.edu
Subject: [156031] Re: SuSe 8.2 Pro Disks
Message-ID: <20030811.125642.-353549.0.wkhibbert@juno.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I forwarded the set of Suse disks that Chuck, K7QO started around on to the next person on my list, Lyle, WB4JLY.

They are moving slowly, but are still moving. Thanks again to Chuck for offering the opportunity to pick up a set and play with Linux.

I made 3 additional copies of the disks and they have all been passed out locally before I could even post them here on the List.

I also have a set of Lycoris/Redmund Linux disks that were sent to me. Unknown vintage and distro. I see a commercial version of Lycoris out there, but no Redmund reference on the website. I received Disks 1 & 3, but not Disk 2. Anyone tried these?

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
"My night light runs more power than my Rig!!!"

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Surf the web up to FIVE TIMES FASTER!
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Date: Mon, 11 Aug 2003 09:55:58 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: jc@cowgar.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156032] Re: Multiband Wire Antenna Suggestions?
Message-ID: <20030811165558.80502.qmail@web21407.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Jeremy - you are already on the right track!

first, 30-35 feet high is great for these bands!

you got lots of options, but since you may not be that experience yet i would try the easy one's first!

(1) center fed dipoles fed with coax. you can attach these 3 dipoles to the same center insulator so you can use the same coax. keep in mind you will have to prune each of the lengths - so start with a little

more than $468/\text{freq (mhz)}$ and see where it has low VSWR with your meter (i hope you have one of these?)

(2) center fed dipole with ladder line. make it at least 66 feet total if you can, and it will tune well on all 3 bands IF you have a tuner with a 4:1 balun or something similar (let me know what you have if you are unsure)

(3) off center fed dipole with ladder line. make one length at least 33 feet and longer side can be longer. you can shorten from 33 feet a bit. only advantage of this antenna is it might put the ladder line feed point closer to your shack. you also need a tuner with 4:1 balun for this one. this antenna may give you some radiation in the shack on some bands. to remedy this you may need some ferrite material on your keyer cables and/or microphone cables. at qrp levels you would likely not have a problem.

think simple to get started - email me or others to get more help. see you on the air soon!

curt wb8yyy

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> would like to cover
> 40, 30 and 20 with a wire antenna. My problem is
> that I can only put the
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> Jeremy
> KB8LFA
>

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Mon, 11 Aug 2003 10:03:22 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156033] Re: WILD IDEA
Message-ID: <20030811170322.2702.qmail@web21408.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am suspicious these devices do not use an A/D converter per se, but probably use some form of phase modulation since it is less susceptible to noise.

by definition these devices will not have much filtering at all - just something to filter out lower power line frequencies and doubtfully a low pass filter - but they would need this to not interfere with "vital services" at VHF frequencies.

but i am also suspicious these devices will not work well in the presence of amateur transmitters. i am waiting for this demonstration!

honestly, the wireless industry (except for those few who are hams) does not believe people really radiate RF from their homes! boy will they be surprised! problem is the new neighborhoods they are deployed in probably don't permit antennas - so bring on a mobile HF station to make our point!

curt wb8yyy

--- Steven Weber <kd1jv@moose.ncia.net> wrote:
> >>How much interference to the BPL data transmission
> would results from
> >>operation of a typical 100-watt ham rig into a
> backyard low dipole or
> >>ground-mounted vertical?
>
> >If the power line has -20dBi gain, it will receive
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> RF power, +16.7dBm.
> >
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> Which I would think would be enough to over load the
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> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Mon, 11 Aug 2003 12:12:05 -0500
From: "Jay Bromley" <jayw5jay@cox-internet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [156034] Re: Kits for young hams FREE!!!!!!!
Message-ID: <001a01c3602b\$b0518aa0\$fad24c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

The SideKick receivers are now gone. I will email those that will be receiving them. I will make a more detailed announcement later. This is the greatest thing I have been involved with since I started in QRP. Thank you all so much!!

We still have a few Tuna Tin IIs and VE3DNL marker/generator kits left.

This sure has me thinking about the future in ham radio.

I wish you could have seen the look on the postal workers faces when I walked into the mail depot today!!

73 de jay..

Date: Mon, 11 Aug 2003 13:18:20 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: llachow@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [156035] Re: Multiband Wire Antenna Suggestions?
Message-ID: <3F37CFDC.6E48AD8A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You can kill any RF in the shack with a good RF ground. Long wire antennas are especially prone to generate this problem if used with no ground or a non resonant ground.

A resonant ground means a quarter wave at the operating frequency. The easiest way to get this is to use an artificial ground. I have an similar antenna to the one described. I use an MFJ Artificial Ground tuner with about a 12 foot piece of wire laying on the floor for ground. I can work all bands, QRO or QRP, with no RF in the shack.

73

Date: Mon, 11 Aug 2003 13:25:04 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: dale@botkin.org
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [156036] Re: Multiband Wire Antenna Suggestions?
Message-ID: <3F37D170.70E46573@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I see a lot of suggestions for using a doublet. The doublet is a fine antenna IF you can arrange two places to hang it and a way to get the feedline in your house. But if you want a truly simple antenna try the end fed long wire. Look at QST for February (I believe) of this year for my article on "Compromise Antennas: for more information.

Date: Mon, 11 Aug 2003 13:30:17 -0400
From: John Farnsworth <jfarnsworth@direcway.com>
To: "qrp-1@Lehigh. EDU" <qrp-1@Lehigh.EDU>
Subject: [156037] [155905] Experimenters DDS Signal Gen (Parts order buddies sought)
Message-ID: <DIEHLGHLBGPNJENLGEBKCEGJCAAA.jfarnsworth@direcway.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

All the kits of passives are spoken for. But there was so many people that wanted parts, I'm putting in another order to Digikey today. I am also ordering more parts, so this kit will have the eeprom, regulators, sockets, trimpot, xtal and osc, etc.

Again I will sell these at cost plus postage. If you are interested, send me an email directly.

Also, for those of you that have ordered the original kit, I can add these new parts and "upgrade" your kit. If you did this, there would only be a handfull of other parts needed. If you are interested in doing this, email me and I will give you a new list and price.

72's and Keep On Building!

Date: Mon, 11 Aug 2003 12:47:23 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [156038] RE: Multiband Wire Antenna Suggestions?
Message-ID: <90B09553A615CE4192A646D8CFA67DA81C87A1@TX-MSG05-CCC.wireless.attws.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

Jeremy,=20

You have gotten some excellent advice from other people on the list. The

one thing I would stress is to keep your first antenna simple. A 44 or 88 foot doublet fed with ladder line and a balanced line tuner will provide reasonable performance for 40 (or 80) through 10 meters. You don't mention whether your shack is on the ground floor, basement, or upper floor though. If you're on the ground floor and you're not too far from a place to plant a ground rod, you are in good shape - an 8' ground rod, combined with 16-20 1/8 wave (~17 feet for 40, ~34 feet for 80) will give you a decently performing ground system (BTW, you DO NOT have to bury the radials). If you are on the second floor, you STILL NEED THE GROUND ROD - that is the electrical (think lightning) ground that you will hook up to your lightning arrestor (You MUST have a lightning arrestor!), but the RF ground will be some tuned radials that you run around your baseboards. There are the artificial grounds and they can help with RF in the shack, but using tuned radials will often work by itself. I would read the articles by R. L. Cebik at www.cebik.com for further reasearch. Also, www.antennex.com has some good reading.=20

I have used a variety of antennas, and have run kW power without RF in the shack by the methods listed above. EXPIRIMENT with some simple wire designs and find out what you like and what works for you.=20

YMMV, Yada Yada Yada.....

GL ES CUL DE N4MVL LEE =20

--- Jeremy Cowgar <jc@cowgar.com> wrote:
> I am curious if anyone has some good suggestions. I
> would like to cover=20
> 40, 30 and 20 with a wire antenna. My problem is
> that I can only put the=20
> antenna about 30-35' in the air.
>=20
> I was looking through the ARRL Antenna handbook and
> am failing on=20
> finding a suitable solution. Does anyone have any
> ideas?
>=20
> Oh, I would like to keep RF out of the shack too.
>=20
> Jeremy
> KB8LFA
>=20

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software

<http://sitebuilder.yahoo.com>

Date: Mon, 11 Aug 2003 12:49:23 -0500
From: "Boulineau, Lee" <lee.boulineau@attws.com>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [156039] RE: Multiband Wire Antenna Suggestions?
Message-ID: <90B09553A615CE4192A646D8CFA67DA8428F4F@TX-MSG05-CCC.wireless.attws.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
content-class: urn:content-classes:message

Good Idea, Bruce!!=20

Lee N4MVL

-----Original Message-----
From: Bruce Muscolino [mailto:w6toy@erols.com]
Sent: Monday, August 11, 2003 1:25 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Multiband Wire Antenna Suggestions?

I see a lot of suggestions for using a doublet. The doublet is a fine antenna IF you can arrange two places to hang it and a way to get the feedline in your house. But if you want a truly simple antenna try the end fed long wire. Look at QST for February (I believe) of this year for my article on "Compromise Antennas: for more information.

73

Date: Mon, 11 Aug 2003 11:33:25 -0700
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: Elecraft List <elecraft@mailman.qth.net>, QRP-L <qrp-l@lehigh.edu>
Subject: [156040] Elecraft XV transverter manual now on our web page
Message-ID: <3F37E175.5000806@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi,

We have just uploaded the Field Test version of the XV manual to our web page.
It covers the XV-50, 144 and 222 kits. It can be found on our manual download page and the XV Transverter information page.

73, Eric WA6HHQ
<http://www.elecrafter.com>

Date: Mon, 11 Aug 2003 14:49:11 -0700
From: Jeremy Cowgar <jc@cowgar.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [156041] Re: Multiband Wire Antenna Suggestions?
Message-ID: <3F380F57.5080509@cowgar.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Boulineau, Lee wrote:

> Jeremy,
>
> You have gotten some excellent advice from other people on the list. The
> one thing I would stress is to keep your first antenna simple. A 44 or
> 88 foot doublet fed with ladder line and a balanced line tuner will
> provide reasonable performance for 40 (or 80) through 10 meters. You
> don't mention whether your shack is on the ground floor, basement, or
> upper floor though. If you're on the ground floor and you're not too far
> from a place to plant a ground rod, you are in good shape - an 8' ground
> rod, combined with 16-20 1/8 wave (~17 feet for 40, ~34 feet for 80)
> will give you a decently performing ground system (BTW, you DO NOT have
> to bury the radials). If you are on the second floor, you STILL NEED THE
> GROUND ROD - that is the electrical (think lightning) ground that you
> will hook up to your lightning arrestor (You MUST have a lightning
> arrestor!), but the RF ground will be some tuned radials that you run
> around your baseboards. There are the artificial grounds and they can
> help with RF in the shack, but using tuned radials will often work by
> itself. I would read the articles by R. L. Cebik at www.cebik.com for
> further research. Also, www.antennex.com has some good reading.
>
> I have used a variety of antennas, and have run kW power without RF in
> the shack by the methods listed above. EXPERIMENT with some simple wire
> designs and find out what you like and what works for you.

I am on the first floor of a two story house with an attic. I have a 8'

ground rod, MFJ-941E tuner (4:1 balun built in (selectable if I want to use it or not)), also have a 4:1 balun that will mount out side.

QUESTION: Do I need more than my 8' ground rod? I never had more than that, maybe I should? I have 2 children, so if I were to use radial's, I would have to put them under the ground. The back yard is their play area. Will that be of a concern?

At my new home I have 3 problems. 1. it's rental property (although it is my father-in-law whom I get along fantastic with), 2. I have an electric fence that surrounds 3 sides of my property and produces a very large SNAP, SNAP, SNAP in my HF rigs (not VHF), 3. I have limited height and supports. 1 telephone pole to the North (30') with a large flood lamp, and 1 pine tree to the South (60' top, but I have only been able to mount up to about 42'). The inbetween I have my 31' chimney. The total distance between these two is about 61' of useable space (not getting into the pine branches).

I have always been able to make contacts but just hoping to put up the best possible antenna for my situation so that with my QRP rigs, I can't say that I could be doing much better if I would only put up X antenna.

Some have asked about my experience. I have built a 5 element 6m beam, 16 element 2m beam, 22 element 70cm beam, some potato masher satellite antenna's, many dipole antenna's and a long wire before. I have built a TenTec 1340, 38 Special, K2 w/nosie blanker, a few home brew transmitters, and a few ramsey kits. I was first licensed in (I think) 1989 (age 14), worked 10m forever as a novice (dipole 20' up) loving the easy contacts. Then I moved onto ultralights, then back into ham radio with QRP. Then moved into VHF and satellites with a FT-847. Started school so my ham radio fell by the wayside. 2 years later, here I am getting back into QRP :-)

Thanks for all the wonderfull help. Thus far, I am thinking of a 44' double zep w/ladder line (have everything I need at home already), or the specs of the G5RV JR (52', 17' Ladder Line). I may also possibly look at a long wire. Maybe play with all three, still thinking.

Jeremy
KB8LFA

Date: Mon, 11 Aug 2003 14:23:08 -0500
From: "Dave Sjolín" <sjolin@swbell.net>
To: <jc@cowgar.com>, "Qrp-1 Reflector" <qrp-1@Lehigh.EDU>

Subject: [156042] Re: Multiband Wire Antenna Suggestions?

Message-ID: <121801c3603e\$003ccf90\$78d1fea9@DaveSjolin>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Jeremy, with the noise problem you are reporting from the electrical fence, you might want to also consider a vertical loop antenna as they do tend to be quieter on receive than some of the other antennas suggested. You should be able to find examples of the loop in any handbook or antenna handbook.

73 de Dave, N0IT

----- Original Message -----

From: "Jeremy Cowgar" <jc@cowgar.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, August 11, 2003 4:49 PM

Subject: Re: Multiband Wire Antenna Suggestions?

> At my new home I have 3 problems. 1. it's rental property (although it
> is my father-in-law whom I get along fantastic with), 2. I have an
> electric fence that surrounds 3 sides of my property and produces a very
> large SNAP, SNAP, SNAP in my HF rigs (not VHF), 3. I have limited height
> and supports. 1 telephone pole to the North (30') with a large flood
> lamp, and 1 pine tree to the South (60' top, but I have only been able
> to mount up to about 42'). The inbetween I have my 31' chimney. The
> total distance between these two is about 61' of useable space (not
> getting into the pine branches).

Date: Mon, 11 Aug 2003 15:28:33 -0400

From: "Joe W2KJ" <w2kj@bellsouth.net>

To: <jc@cowgar.com>

Cc: "qrp-1" <qrp-1@lehigh.edu>

Subject: [156043] Re: Multiband Wire Antenna Suggestions?

Message-ID: <001101c3603e\$c14577a0\$220110ac@gateway.2wire.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Jeremy Cowgar" <jc@cowgar.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Monday, August 11, 2003 1:18 PM

Subject: Multiband Wire Antenna Suggestions?

> I am curious if anyone has some good suggestions. I would like to cover
> 40, 30 and 20 with a wire antenna. My problem is that I can only put the
> antenna about 30-35' in the air.
>
> I was looking through the ARRL Antenna handbook and am failing on
> finding a suitable solution. Does anyone have any ideas?
>
> Oh, I would like to keep RF out of the shack too.
>
> Jeremy
> KB8LFA

Howdy Jeremy:

I would use the 44 foot center fed doublet using 450 ladder line that has been mentioned several times on the list, it will work FB on 40 thru 10 meters. If you have the room an 88 foot center fed doublet will work 80-10 meters

The antenna will cover your bands of interest if you use a tuner in the shack.

Alternatively, you could run ladder line to just outside of your shack to a 1:1 current balun and then run coax into the shack. I used this technique for several years with excellent results.

I currently use a 180 foot center fed doublet with ladder going to a 1:1 balun with an LDG RT-11 remote tuner connected directly to the balun and then coax going into the shack. You need a control line from the shack to the tuner to control tuning functions. This has worked just great for me over the past year....best wire antenna system I have put up yet.

You could use my feed/remote tuner technique if your budget allows. If not, just use a tuner in the shack that can handle balanced antennas or use the remote balun outside of you shack with a tuner for unbalanced loads (most tuners out there will

do this).

Good luck with whatever antenna you choose.

73, Joe W2KJ

Date: Mon, 11 Aug 2003 15:40:09 -0400
From: Peter Burbank <peterlee@qx.net>
To: qrp-1@lehigh.edu
Subject: [156044] BPL
Message-ID: <5.2.0.9.0.20030811153247.00a05310@mail.qx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

This whole idea reminds me of getting up a company to lay a trans Atlantic cable. :-)

73 to all

Pete NV4V

Date: Mon, 11 Aug 2003 12:41:40 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [156045] Battery Storage
Message-ID: <08D18BEFE0F59E4EB2BB78107B5A527101737819@blaze.bccsc.gov.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I would like some tips on how to best store a lead-acid battery over the winter. I have a few that I use for QRP operations during the summer but not in winter. Should they be put on a charger at some regular interval? Should they be loaded occasionally? Should they be stored in a heated or non-heated area? Any and all tips are welcome.

Doug VA7DD

Date: Mon, 11 Aug 2003 13:47:25 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: Jeremy Cowgar <jc@cowgar.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156046] Re: Multiband Wire Antenna Suggestions?
Message-ID: <Pine.LNX.4.44.0308111340450.10146-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jeremy, you have all you need for either a 44 or 88 foot dipole fed with 450 ohm ladder line. If convenient, you can run the 450 ohm line to your balun and then coax into your tuner and rig.

Your 8 foot ground rod is fine since using a balanced antenna keeps all the RF out of the shack.

The MFJ antenna tuner will work just fine since that is what I use. Make a list of tuner settings for all bands so you can get to the settings fast, and your all set with all band operation.

On Mon, 11 Aug 2003, Jeremy Cowgar wrote:

> Boulineau, Lee wrote:

>

> > Jeremy,

> >

> > You have gotten some excellent advice from other people on the list. The
> > one thing I would stress is to keep your first antenna simple. A 44 or
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> > designs and find out what you like and what works for you.
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> QUESTION: Do I need more than my 8' ground rod? I never had more than
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> 1989 (age 14), worked 10m forever as a novice (dipole 20' up) loving the
> easy contacts. Then I moved onto ultralights, then back into ham radio
> with QRP. Then moved into VHF and satellites with a FT-847. Started
> school so my ham radio fell by the wayside. 2 years later, here I am
> getting back into QRP :-)
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> Thanks for all the wonderfull help. Thus far, I am thinking of a 44'
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> the specs of the G5RV JR (52', 17' Ladder Line). I may also possibly
> look at a long wire. Maybe play with all three, still thinking.
>
> Jeremy
> KB8LFA
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Mon, 11 Aug 2003 13:12:46 -0700 (PDT)
From: Tom Severt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [156047] Re: Multiband Wire Antenna Suggestions?
Message-ID: <20030811201246.23849.qmail@web9606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Jeremy Cowgar <jc@cowgar.com> wrote:
> I am curious if anyone has some good suggestions. I
> would like to cover
> 40, 30 and 20 with a wire antenna. My problem is
> that I can only put the
> antenna about 30-35' in the air.

Here's what I use for 20 & 40 meter portable
operation. It would be possible to add another
element for 30 meters.

<http://www.geocities.com/n2uhc/2banddipole.html>

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Mon, 11 Aug 2003 15:41:56 -0500
From: "Jim N0UR" <n0ur@comcast.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [156048] Fox; N0UR log
Message-ID: <000701c36049\$01ab79c0\$0200a8c0@ce1.client2.attbi.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who waded through all the contest stations and found me. Hope I heard all who called. Here is a copy of my log. Again, thanks for allowing me to be one of the "furry" ones again this season.

2200	K5DI	559	559	NM	KARL	5W
2201	W5TB	559	559	TX	DOC	5W
2202	K5JHP	559	559	TX	BILL	5W
2202	W5YR	559	559	TX	GEORGE	5W
2203	K4MF	579	579	FL	GARY	5W
2204	AC7A	559	559	AZ	TOM	5W
2204	N5ZE	559	559	TX	LEW	5W
2206	KK5NA	559	559	TX	JOE	5W
2208	W0EB	559	559	KS	JIM	5W
2209	K5E0A	579	559	LA	WAYNE	5W
2209	AA50	559	559	LA	VERN	5W
2210	AF4LQ	559	559	KY	MIKE	1W
2212	VA6MJT	579	579	AB	MIKE	5W
2212	K5SR	559	559	TX	DALE	5W
2213	WA8BXN	559	559	OH	MIKE	5W
2215	N3BJ	579	559	VA	ALAN	5W
2216	W5KDJ	579	559	TX	WAYNE	750MW
2218	K0SQ	599	599	MN	CHUCK	5W
2219	KG6WP	559	559	CA	WARD	5W
2221	NN5E	559	559	TX	VERN	5W
2222	N5YFC	559	559	LA	WAYNE	5W
2223	K0FRP	559	579	CO	AL	5W
2223	W5JAY	579	599	AR	JAY	1W
2224	AG4PJ	559	559	AL	DAVE	5W
2226	W7ILW	559	559	AZ	WALT	5W
2229	N0JRN	599	559	MO	JERRY	5W
2232	AD6JV	559	559	VA	BILL	5W
2235	W6AZ	559	559	CA	RON	5W
2238	C02HA	559	559	CO	FRANK	5W
2239	WA7LW	559	559	NM	JACK	5W
2241	NV5D	559	559	TX	MARTIN	5W
2250	AF4PP	559	559	GA	CHUCK	5W
2255	N0TK	559	559	CO	DAN	5W
2259	N5IB	559	559	LA	JIM	5W
2303	N5FFF	559	559	LA	WAYNE	5W
2304	AA7EQ	579	559	AZ	BOB	5W
2313	W2KJ	579	569	NC	JOE	5W
2314	NK6A	559	559	CA	DON	5W

2316 N0EVH 559 559 MO JOHN 1W
2320 W4NJK 559 559 CA CHARLIE 5W
2322 N1TP 579 599 FL TOM 5W
2324 K7TQ 559 559 ID RANDY 100MW
2328 AB9CA 559 559 AL DAVE 5W
2330 N1FN 599 599 CO ET FOX
2330 N0UR 599 599 MN JIM FOX

Date: 12 Aug 2003 00:03:40 +0300
From: Paul <mooney@cytanet.com.cy>
To: Doug.Davies@gems3.gov.bc.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156049] Re: Battery Storage
Message-ID: <1060635819.1940.1.camel@localhost>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Mon, 2003-08-11 at 22:41, Davies, Doug A FOR:EX wrote:
> I would like some tips on how to best store a lead-acid battery over the
> winter. I have a few that I use for QRP operations during the summer but
> not in winter. Should they be put on a charger at some regular interval?
> Should they be loaded occasionally? Should they be stored in a heated or
> non-heated area? Any and all tips are welcome.
>
> Doug VA7DD
>
>

For my bike battery I use an intelligent charger, the Sentinel. Keeps
the battery fully charged & conditioned.

Paul M.

Date: Mon, 11 Aug 2003 14:12:17 -0700 (PDT)
From: Mike Cummings <mook@annihilator.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156050] 30 meters
Message-ID: <Pine.LNX.4.44.0308111407500.12169-100000@drizzle.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm wanting to build a ten-tec 13XX kit for use after my wife and kids go to bed, especially camping. Although I've been a ham for a long time, I've never used 30 meters. I'm intrigued by it for that reason (I've always used old rigs that lack 30m). Anyway, I was wondering if people thought 30m would be a good choice. I could do 40, of course, but 40 gets so noisy, not to mention the BC QRM. How do you usually fare with 30 at night?

Thanks,

Mike NX7E

Date: Mon, 11 Aug 2003 17:15:39 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <Doug.Davies@gems3.gov.bc.ca>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [156051] Re: Battery Storage
Message-ID: <003701c3604d\$b85a9bc0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I would like some tips on how to best store a lead-acid battery over the
> winter. I have a few that I use for QRP operations during the summer
but
> not in winter. Should they be put on a charger at some regular
interval?

Yes. Always keep them 'topped off'

> Should they be loaded occasionally?

No. Not necessary at all for lead acid.

> Should they be stored in a heated or non-heated area?

Heated, if possible. And while it's not really a big issue if you keep them 'topped off', don't set them on cold concrete floors. There's an urban legend about batteries discharging when set on concrete. However, there is a 'glimmer' of truth to that. Years ago the Navy discovered that lead acid batteries would self discharge if they developed 'temperature stratification'. This can cause the specific gravity at different spots of the battery to be slightly

different, leading to small 'eddy currents' in the cell that can discharge it. So, it's not the concrete that can discharge a battery, it's the cold sink that you are putting against it's bottom!

It should be minimal in any case with the method of construction of car batteries, but still...

As I said, always keep them 'topped off'. They will last much longer.

Mike

Date: Mon, 11 Aug 2003 17:21:50 -0400
From: John Farnsworth <jfarnsworth@direcway.com>
To: "qrp-1@Lehigh. EDU" <qrp-1@Lehigh.EDU>
Subject: [156052] Re: [155905] Experimenters DDS Signal Gen (Parts order buddies sought)
Message-ID: <DIEHLGHLBGPNJENLGEBKKEHECAAA.jfarnsworth@direcway.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

All of the kits have been spoken for.

Many thanks to all of you for helping me and each other get these buys going. If you didn't get a confirmation from me, and you still want one, let me know, I'll start a new list, and if there is enough interest I'll make yet another kit!

Date: Mon, 11 Aug 2003 15:18:13 -0700 (PDT)
From: Nelson Winter <thenels@go.com>
To: "wd7y@pyramid.net" <wd7y@pyramid.net>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [156053] Re: QRP Afield
Message-ID: <7358533.1060640293355.JavaMail.thenels@gomailjtp01>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I don't know if there's been an official notice, but I found this website which

seems to have all the 2003 info:

<http://www.qsl.net/wq1rp/qrpaf03r.htm>

-----Original Message-----

From: "wd7y@pyramid.net" <wd7y@pyramid.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Date: Mon Aug 11 08:53:00 PDT 2003
Subject: QRP Afield

>I have been away for a while and I am wondering
>Has there been an announcement for this years
>QRP Afield?????
>
>Ed/WD7Y
>

Less = More
<http://www.qsl.net/wb6dwd/>
RM-40/30/20
QRP-L #2482

GO.com Mail
Get Your Free, Private E-mail at <http://mail.go.com>

Date: Mon, 11 Aug 2003 17:31:02 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [156054] OT: Using Ham Radio Towers for Wireless Internet
Message-ID: <1B7BCCFF-CC43-11D7-A9E2-00306543B616@cox.net>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

The other day a fellow drove up in front of my house
and began taking pictures of my house and tower.

He drove off, and shortly after came back from the other
direction and started over again.

What the heck?

As it turns out, he was looking for sites to place wireless internet access points and my ham tower is a prime location.

My wife and I spoke with him and were favorably impressed to sign a contract. His plan is to run T-1 access to our house and place a neighborhood access point on the tower.

In return, I am supposed to get free T-1 (and other terms) internet access, ISP services, etc.

This sounds great, almost too good...

--

See my web page: <http://www.k7on.com>

Date: Mon, 11 Aug 2003 17:38:50 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<n2cx@voicenet.com>
Subject: [156055] I'm hearing things [Was: More wine, anyone?]
Message-ID: <003301c3606a\$1a2c8130\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good stuff Joe, and very interesting. The notion that the ear's logarithmic properties makes it non-linear is pretty astute too. But I'm clinging to the notion that it gets worse as the tones get louder.

Non-linear air. Where will it end? Next you'll tell me the very ether is non-linear.

72--Nick, WA5BDU

----- Original Message -----

From: "n2cx" <n2cx@voicenet.com>

> Group,

>

> I found the reference for the "focussed sound" using ultrasonic
> emitters and in-air mixing. See

>

> <http://www.e-insite.net/ednmag/contents/images/296500.pdf>

>

> for the article.
>
> The company who manufactures the gear also has a site:
>
> <http://www.atcsd.com/>
>

End of QRP-L Digest 3009
